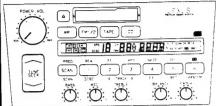




KEH-M9741ZT



7. Sep. 1989 Scheuer

The major stage of the a

ORDER NO. **CRT 1232**

CAR STEREO

19741zт

19741zT-91

1**9741**zt-02 US

US

US

US

US

These models have been installed in LEXUS LS400.

Model	Supplementary Model	Part No.	ID No.	Remark
KEH-M9741ZT	KEH-M9741ZT-91	86120-50040	P626	Leather
KEH-M9741ZT-02	KEH-M9741ZT-92	86120-50030	P625	Moquette
KEH-9641ZT	KEH-9641ZT-91	86120-50020	P624	Leather
KEH-9641ZT-02	KEH-9641ZT-92	86120-50010	P623	Moquette

Note:

- See the separate manual CX-156 (CRT-468) for the cassette mechanism description.
- Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.
- Noise Reduction System manufactured under license from Dolby Laboratories Licensing Corporation.

• These models are used in combination with following models.

Car Stereo	CD Player	Amplifier
KEH-M9741ZT	CDX-M9741ZT	GM-9641ZT
KEH-M9741ZT-02	CDX-M9741ZT	GM-9641ZT
KEH-9641ZT		GM-9641ZT
KEH-9641ZT-02		GM-9641ZT

• KEH-M9741ZT-91, KEH-M9741ZT-92, KEH-9641ZT-91 and KEH-9641ZT-92 are the model number of an optional supplementary models.

These are indentical to the KEH-M9741ZT, KEH-M9741ZT-02, KEH-9641ZT and KEH-M9641ZT-02 except for the addition of following items.

	KEH-M9741ZT-91	KEH-M9741ZT-92	KEH-9641ZT-91	KEH-9641ZT-92
Corton	CHG1628	CHG1627	CHG1630	CHG1629
Contain Box				
Styrofoam (Upper)	CHP1157	CHP1157	CHP1157	CHP1157
Styrofoam (Lower)	CHP1158	CHP1158	CHP1158	CHP1158
Polyethylene Bag				

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1. SPECIFICATIONS

```
General
Grounding system ······ Negative type
  [7 \text{ (W)} \times 4-1/4 \text{ (H)} \times 6-1/8 \text{ (D) in.}]
  [8-7/8 \text{ (W)} \times 4-1/4 \text{ (H)} \times 1-1/4 \text{ (D) in.}]
Weight ..... 2. 8kg (6. 2 1bs)
Amplifier
Maximum power output \cdots 20W \times 4
Load impedance \cdots \qquad 4\,\Omega
Tone Controls
  (Bass) .... ± 10dB (100Hz)
  (Mid) .... ± 10 dB (1 kHz)
  (Treble) ..... ± 10dB (10kHz)
Tape player
Tape ...... Compact cassette tape (C30-C90)
Tape speed .......... 4.76 cm/sec. (+0.14 cm/sec., -0.05 cm/sec.)
Wow & flutter ········ Less than 0.15% (WRMS)
Crosstalk ..... More than 40 dB
Stereo separation ..... More than 30 dB
Signal-to-noise ratio
      Dolby NR IN ..... More than 45 dB
      Dolby NR OUT ..... More than 40 dB
FM tuner
Frequency range ······ 87.9-107.9 MHz
Usable sensitivity ······ 15±6dBµV
Signal-to-noise ratio ····· More than 48 dB
Distortion · · · · Less than 1.5%
Stereo separation ······ More than 25 dB
AM tuner
 Frequency range ····· 530-1710 kHz
 Usable sensitivity \cdots 25\pm 6dB \mu V
Usable selectivity \cdots More than 30dB (\pm 9kHz)
 Signal-to-noise ratio ····· More than 40 dB
```



2. CONNECTOR FUNCTION DESCRIPTION

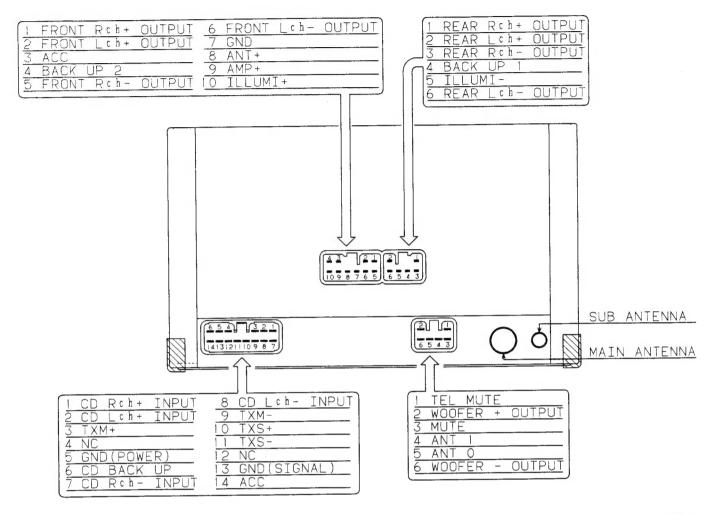


Fig. 1

3. DISASSEMBLY

Removing the Cover

- 1. Insert and turn a flat screwdriver to remove the cover.
- 2. Raise the cover to remove.

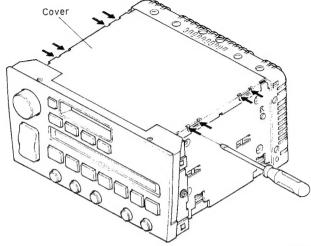


Fig. 2

• Removing the Cassette Mechanism Assy

- 1. Remove the four screws, and then remove the holder.
- 2. Disconnect the connector, and then raise the cassette mechanism assy.

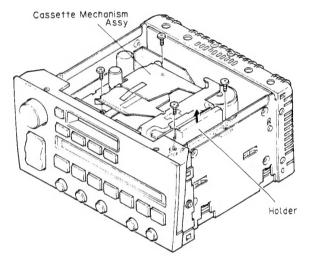


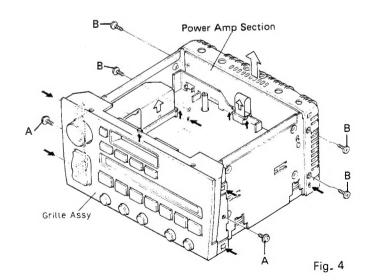
Fig. 3

• Removing the Grille Assy

- Disconnect the connector, and then remove the two screws A.
- 2. Disengage the stopper at four locations indicated by arrows.

Removing the Power Amp Section

- 1. Remove the four screws B.
- 2. Disengage the stopper at two locations indicated by arrows.
- 3. Raise the power amp P.C. board.





• Removing the Control Unit

- 1. Disconnect the two connectors.
- 2. Remove the four screws.
- 3. Remove the control unit.

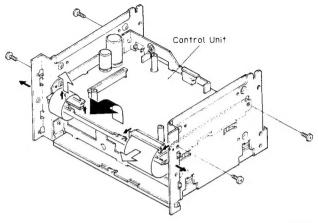


Fig. 5

• Removing the Heat Sink

- 1. Remove the screw C and four screws D.
- 2. Remove the heat sink.

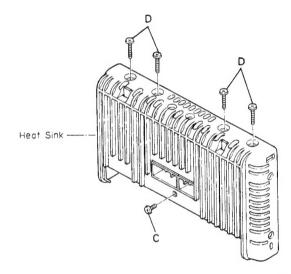


Fig. 6

Removing the Communication Unit (KEH-M9741ZT, KEH-M9741ZT-02)

- 1. Disconnect the two connectors.
- 2. Remove the three screws, and then remove the communication unit.

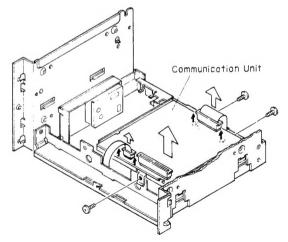


Fig. 7

• Removing the Tuner P.C. Board

- 1. Remove the two screws, and then remove the side panels.
- 2. Remove the solder at location indicated by arrow.
- 3. Straighten the claw, and then remove the tuner P.C. board.

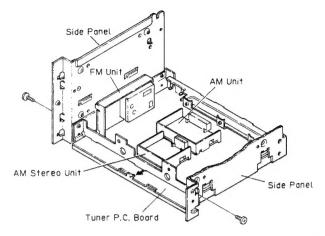


Fig. 8

Removing the FM Unit, AM Unit and FM Stereo Unit

- 1. Remove the solder at location indicated by arrows.
- 2. Straighten the claws.
- 3. Remove the each units.

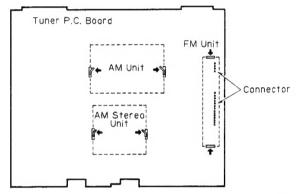


Fig. 9

Removing the Key Board Unit, Volume P.C. Board A and Volume P.C. Board B

- 1. Disconnect the two connectors.
- 2. Remove the twelve screws.
- 3. Remove the each units.

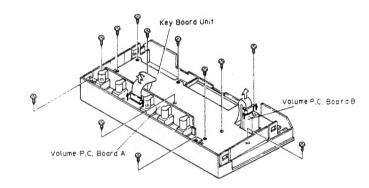


Fig. 10

4. ANTI-THEFT SECURITY SYSTEM

4.1 HOW TO INPUT THE THREE DIGIT SECURITY SYSTEM CODE

1. ACCESS MODE

First...

BE SURE THAT:

- · the radio unit is turned off
- the ignition switch is in "ACC"

Then...

HOLD the "1 [REW]" and "6 [] buttons, and simultaneously PUSH and HOLD the "POWER. VOL" knob in, until "SEC" appears, then release buttons.

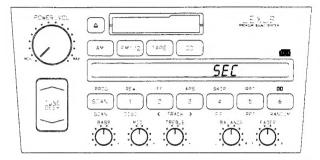


Fig. 11

2. READY MODE

PRESS and HOLD the "TUNE [\land]" button in and PRESS the "1 [REW]" button. The display will read " \oint ---".

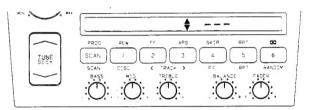


Fig. 12

3. INPUT MODE

Note: User has up to ten seconds to input each digit.

Now you're ready to input a three digit Identification Number.

To set the first ID digit:

 PRESS "1 [REW]" repeatedly until the desired number appears on the display

To set the second ID digit:

PRESS "2 [FF]" repeatedly until the desired number appears on the display

To set the third ID digit:

PRESS "3 [APS]" repeatedly until the final desired number appears on the display

EXAMPLE: If the desired ID number is 314, you'd press "1 [REW]" four times, press "2 [FF]" twice, and press "3 [APS]" five times. (Code digits range zero through nine.)

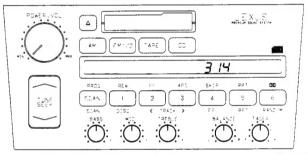


Fig. 13

4. SET MODE

With the ID number now appearing on the display:

 PRESS the "SCAN [PROG]" button and HOLD it in until "SEC" appears for a few seconds, then it will GO DARK.

NOTE: 1) CREATE AN ID NUMBER EASY TO REMEMBER

- 2) KEEP ID NUMBER IN A RELIABLE PLACE
- 3) DON'T LEAVE ID NUMBER IN THE VEHICLE!

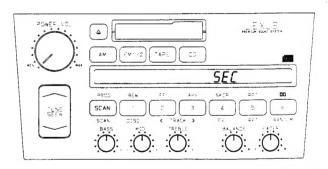


Fig. 14

4.2 HOW TO CHANGE THE THREE DIGIT SECURITY SYSTEM CODE

1. ACCESS MODE

First...

BE SURE THAT:

- · the radio unit is turned off
- the ignition switch is in "ACC"

Then...

HOLD the "1 [REW]" and "6 [][]" buttons, and simultaneously PUSH and HOLD the "POWER. VOL" knob in, until "SEC" appears, then release buttons.

2. READY MODE

PRESS and HOLD the "TUNE [\land]" button in and PRESS the "1 [REW]" button. The display will read " \blacklozenge ---".

3. INPUT MODE

Input existing three digit ID numbers.

4. SET MODE

Then, push "SCAN [PROG]." The display will now read "---" continuously.

* ("ERR" See "ERROR MESSAGE")

5. READY MODE

PUSH "TUNE [\land]" and "1 [REW]" simultaneously. The display will read " \blacklozenge ——".

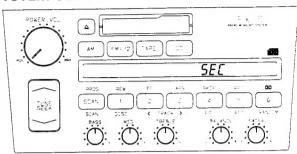
6. INPUT MODE

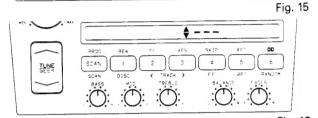
Now you're ready to input a new three digit Identification Number.

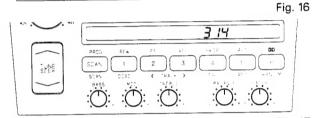
7. SET MODE

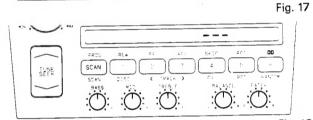
With the ID number now appearing on the display:

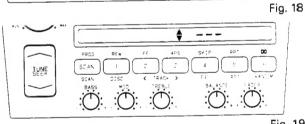
 PRESS the "SCAN [PROG]" button and HOLD it in until "SEC" appears for a few seconds, then it will GO DARK.

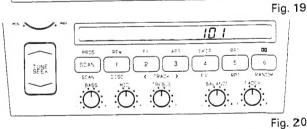












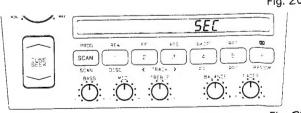


Fig. 21

4.3 HOW TO CLEAR THE SECURITY CODE

1. ACCESS MODE

First...

BE SURE THAT:

- · the radio unit is turned off
- the ignition switch is in "ACC"

Then..

HOLD the "1 [REW]" and "6 [D]]" buttons, and simultaneously PUSH and HOLD the "POWER. VOL" knob in, until "SEC" appears, then release buttons.

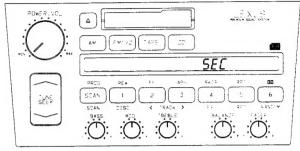


Fig. 22

2. READY MODE

PRESS and HOLD the "TUNE [\land]" button in and PRESS the "1 [REW]" button. The display will read " \blacklozenge ---".

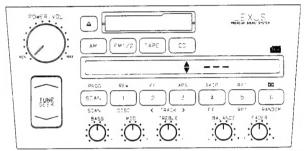


Fig. 23

3. INPUT MODE

Input existing three digit ID numbers.

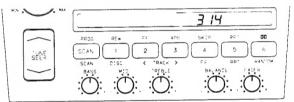


Fig. 24

4. SET MODE

Then, push "SCAN [PROG]." The display will now read "——" continuously.

* ("ERR" See "ERROR MESSAGE")

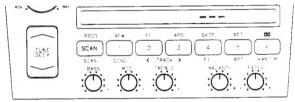


Fig. 25

- WAIT for ten seconds. The security system clears itself and the display will GO DARK.
 - * (The security code should be cleared when the vehicle is resold.)

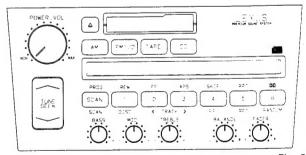


Fig. 26

4.4 HOW TO REACTIVATE A DISABLED ETR

 If the power is disconnected by an attempted theft or loss of battery power, the display will read "SEC" continuously when the key is "on." Also, when the ignition key is turned to ACC, none of the ETR functions will function.

2. READY MODE

PRESS and HOLD the "TUNE [∧]" button in and PRESS the "1 [REW]" button. The display will read " ♦ ---".

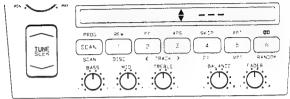


Fig. 27

3. INPUT MODE

Now you're ready to input the existing three digit Identification Number.

To set the first ID digit:

 PRESS "1 [REW]" repeatedly until the desired number appears on the display

To set the second ID digit:

PRESS "2 [FF]" repeatedly until the desired number appears on the display

To set the third ID digit:

PRESS "3 [APS]" repeatedly until the final desired number appears on the display

EXAMPLE: If the desired ID number is 314, you'd press "1 [REW]" four times, press "2 [FF]" twice, and press "3 [APS]" five times. (Code digits range zero through nine.)

Note: User has up to ten seconds to input each digit.



With the ID number now appearing on the display:

 PRESS the "SCAN [PROG]" button and HOLD it in until "SEC" appears for a few seconds, then it will GO DARK.

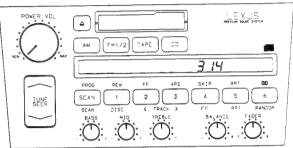


Fig. 28

| SEL | SEL

Fig. 29

ERROR MESSAGE

If the wrong buttons are pushed, "Err" will appear before "SEC" appears. Go back to Step 2 and try again. Or, if the display returns to "♦ ----" during your input, try again from Step 3. BUT:

BE CAREFUL! On the fifth wrong input, the ETR unit goes dead and must be reactivated by an authorized service station

TO VERIFY that the ID number has been accepted as the security code, turn the key "off," then turn it back on, "SEC" should appear. Once the anti-theft system is properly set, "SEC" will appear on the display each time the ignition key is turned to "ACC" after being off.

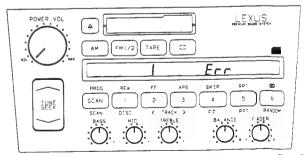


Fig. 30



5. GENERAL GUIDE

5.1 RADIO

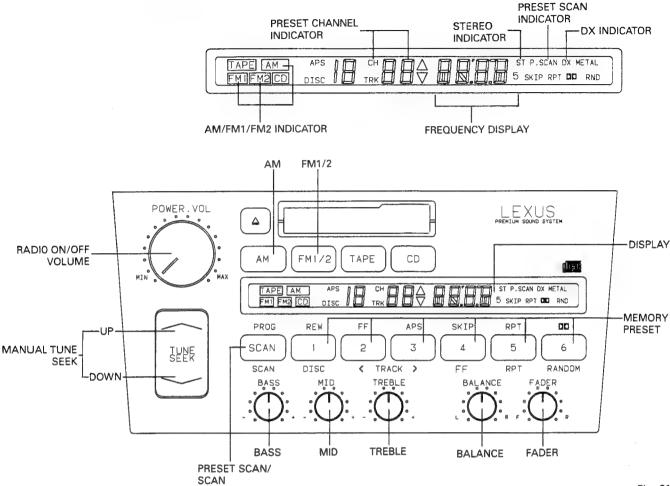


Fig. 31

• Manual/Seek Tuning:

When the \land (up) side of the TUNE button is pressed, the frequency is increased by 2 MHz in the FM band and by 10 kHz in the AM band, and when the v (down) side is pressed, the frequency is decreased in the same way. Holding the button depressed for more than 0.5 seconds starts seek tuning, which stops when a station broadcasting a sufficiently strong signal is received.

When only weak signals or no station is received, the frequency returns to the initial frequency, then the reception is changed to the DX mode.

Memory Preset:

- Select the required band among the FM1, FM2, and AM bands.
- (2) Tune to the broadcast station required to be stored in memory.
- (3) Press and hold one of the Memory Preset button for about 2 seconds.

- (4) A beep tone will be heard when the tuned station is stored in the memory corresponding to the Memory Preset button pressed.
- (5) Up to six stations can be memorized for each of the FM1, FM2 and AM bands.

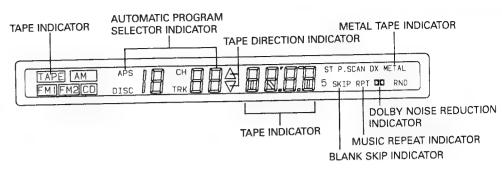
Preset Scan/Scan Tuning:

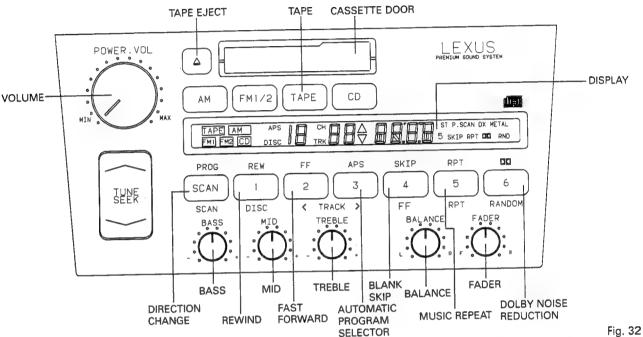
When the SCAN button is pressed, all the stations stored in the Memory Preset buttons will be received for 5 seconds in sequence.

When the SCAN button is held pressed for more than 2 seconds, the Scan Tuning mode is activated and station broadcasting strong signals will be received for 5 seconds in sequence. When the tuning returns to the frequency from which the Scan Tuning was started, the receiving mode is changed to the DX mode.

To release Preset Scan or Scan Tuning, press the SCAN button again.

5.2 TAPE





Rewind/Fast Forward:

Press the REW (or FF) button to rewind (fast-forward) the tape, and press it again to release the function.

• APS:

With the APS button, the beginning of any required tune up to 9 tunes before and after the current tune can be detected automatically. After pressing the APS button the number of times corresponding to the number of the tune to which you want to skip (for three times to select the 3rd tune), press the FF button to search in the forward direction or press the REW button to search in the reverse direction. The tape will stop at the beginning of the designated tune and play starts automatically.

(For example)

When the FF button is pressed after pressing the APS button three times, the tape is fast-forward by skipping two tunes in the forward direction, and play will start from the beginning of the 3rd tune.

Blank Skip:

With the SKIP button pressed ON, when a blank (nonrecorded) section of more than 15 seconds is detected, the tape is fast-forwarded to the beginning of the next tune. When the SKIP button is pressed again, the Blank Skip function is released.

• Music Repeat:

With the RPT button pressed ON, when the current tune is finished, the tape will be rewound to the beginning of the tune and play will restart automatically. When the RPT button is pressed again, the Music Repeat function is released.

Dolby Noise Reduction*

Press this button when using a tape recorded with the Dolby (B type) Noise Reduction system. Press the button again to release it.

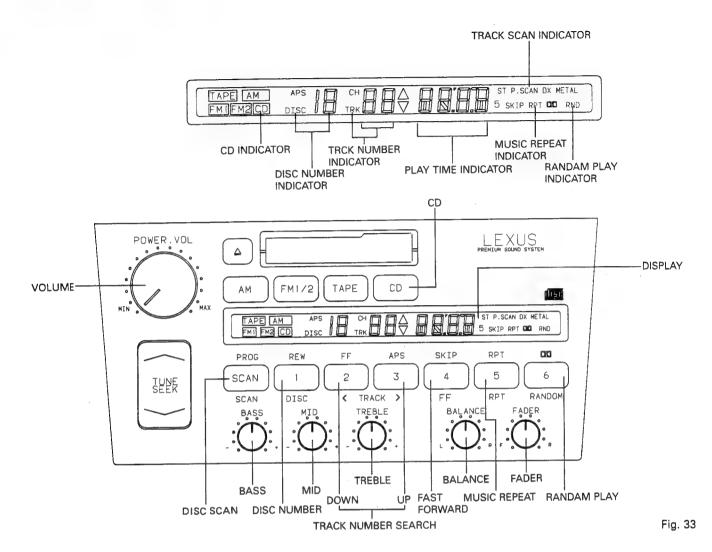
* Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.

Dolby and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

• Ejecting Tape:

The tape can be ejected at any time by pushing the TAPE EJECT button.

5.3 CD



Changing the Discs:

When the DISC button is pressed, the disc number is counted up, and the disc designated by the DISC button will be played. When the DISC button is held pressed for more than 0.5 seconds, the disc number is counted up continuously. If a tray with no disc in the magazine loaded in the CD changer is selected, the corresponding disc number will not be displayed.

Track Search:

When the TRACK < button is pressed, the track number is counted down and the designated track will be played. When the TRACK < button is held pressed for more than 0.5 seconds, the track number will be counted down continuously.

When the TRACK > button is pressed, the track number is counted up and the designated track will be played. When the TRACK > button is held pressed for more than 0.5 seconds, the track number will be counted up continuously.

• Fast Forward:

The playing position is fast-forwarded while the FF button is pressed. During fast-forwarding, playback sound can be heard.

• Music Repeat:

When the RPT button is pressed, the current track will be played repeatedly. Press the RPT button again to release the Music Repeat function.

Random Play:

When the RANDOM button is pressed, the track to be played next will be selected automatically by the built-in microcomputer.

Disc Scan:

When the SCAN button is pressed, the beginning of all the tracks on the discs loaded in the CD changer will be played for 10 seconds in sequence. When play returns to the disc from which Track Scan was started, Track Scan will be released. To release the Track Scan function during its operation, press the SCAN button again.

6. CIRCUIT DESCRIPTION

6.1 DATA COMMUNICATIONS

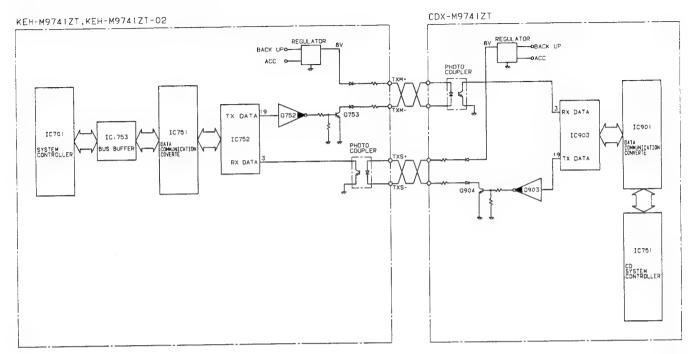


Fig. 34

Communication Interface for Operation Control

1) Communication specifications

Synchronization:

Asynchronous

Baud rate:

4800 bps

Start bit length:

1 bit

Data bit length:

8 bit

Parity bit:

Even

Signal level:

ON +8 V, OFF 0 V

Communication method: Half-duplex

2) Transmission control system

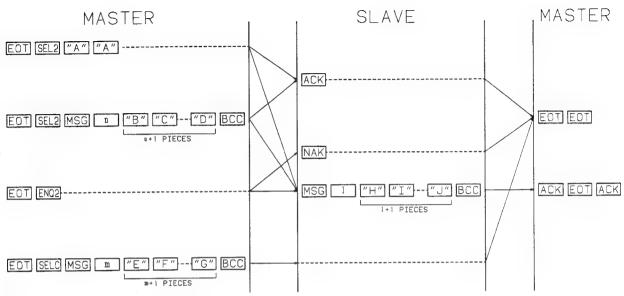
Polling, system selection by master station

3) Signal terminal specifications

	Definition	Signal direction
Master tr	ansmission power supply (+8 V)	Master → Slave
Master tr	ansmission output (open collector) Master → Slave
Master re	eceiving input (positive)	Master ← Slave
Master re	eceiving input (negative)	Master ← Slave
: : : :	: Master tr	Definition : Master transmission power supply (+8 V) : Master transmission output (open collector : Master receiving input (positive) : Master receiving input (negative)

KEH-M9741ZT

• Data Format



NOTE:

"A", "B",...."J":COMMAND, CONDITION, DATA OF INDICATION

BCC: ERROR CHECK

1,m,::NUMBER OF DATA

THE OTHERS: COMMUNICATION CONTROL CODE

Fig. 35

• Communication Timing Chart

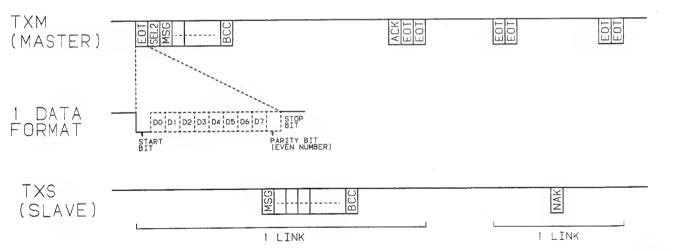
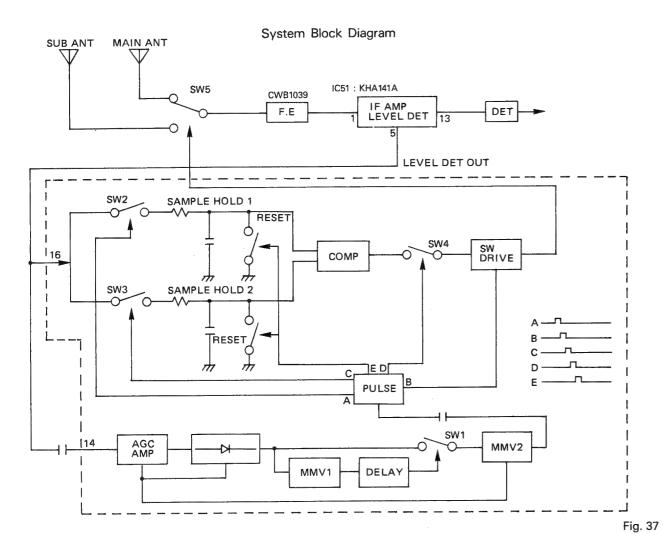


Fig. 36

6.2 FM DIVERSITY SYSTEM

The system incorporates two antennas and one tuner. Noise elements in the signal meter voltage are detected, and whenever noise is present the levels of the two antennas are compared. The antenna with the higher level is selected.



Noise due to multipath distortion, etc. appears in the LEVEL DET OUT signal from pin 5 of IF IC KHA141A. The noise passes through a capacitor and is supplied to the AGC amplifier where it is amplified. Then it is rectified. This signal is then supplied to MMV1. After being delayed by approximately $40-50~\mu \rm sec.$ in the next delay circuit, it closes SW1 for a few $\mu \rm sec.$ (determined by MMV1). If new noise is generated while SW1 is closed, this noise is supplied to MMV2. After wave shaping, it is supplied to the pulse generation circuit.

The pulse generation circuit generates in sequence pulses A - E shown in the figure.

A is supplied to SW2, and sample and hold is performed on the ANT level for the signal being received at that point. B is supplied to SW DRIVE and the antenna is switched. C is supplied to SW3, and sample and hold is performed on the antenna input level after ANT was switched. D is supplied to SW4, closing it. The sample-and-hold 1 and 2 comparison output is sent to SW DRIVE.

At this point, if the ANT input level from before the switch is higher, ANT is switched back to the original antenna. If the ANT input level after the switch is higher, ANT remains connected to the current antenna. As described above, whenever noise is supplied to MMV2, the input levels of the two antennas are compared and the antenna with the higher level input is chosen.



6.3 MOTOR ANTENNA CONTROL

Radio Status	ANT (+)	ANT (0)	ANT (1)	ANTENNA POSITION
OFF	L	L	L	With antenna shortened
During cassette or CD play	L	L	L	"
During AM broadcast reception	Н	Н	Н	Long
During FM broadcast reception (87.9 – 96 MHz)	Н	Н	L	Medium
During FM broadcast reception (96.1 – 107.9 MHz)	Н	L	L	Short
During AM seek or scanning	Н	Н	Н	Long
During FM seek or scanning (Starts from 87.9 – 96 MHz)	Н	Н	L	Medium
During FM seek or scanning (Starts from 96.1 - 107.9 MHz)	Н	L	L	Short

6.4 ELECTRONIC VOLUME

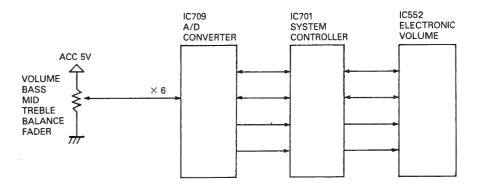
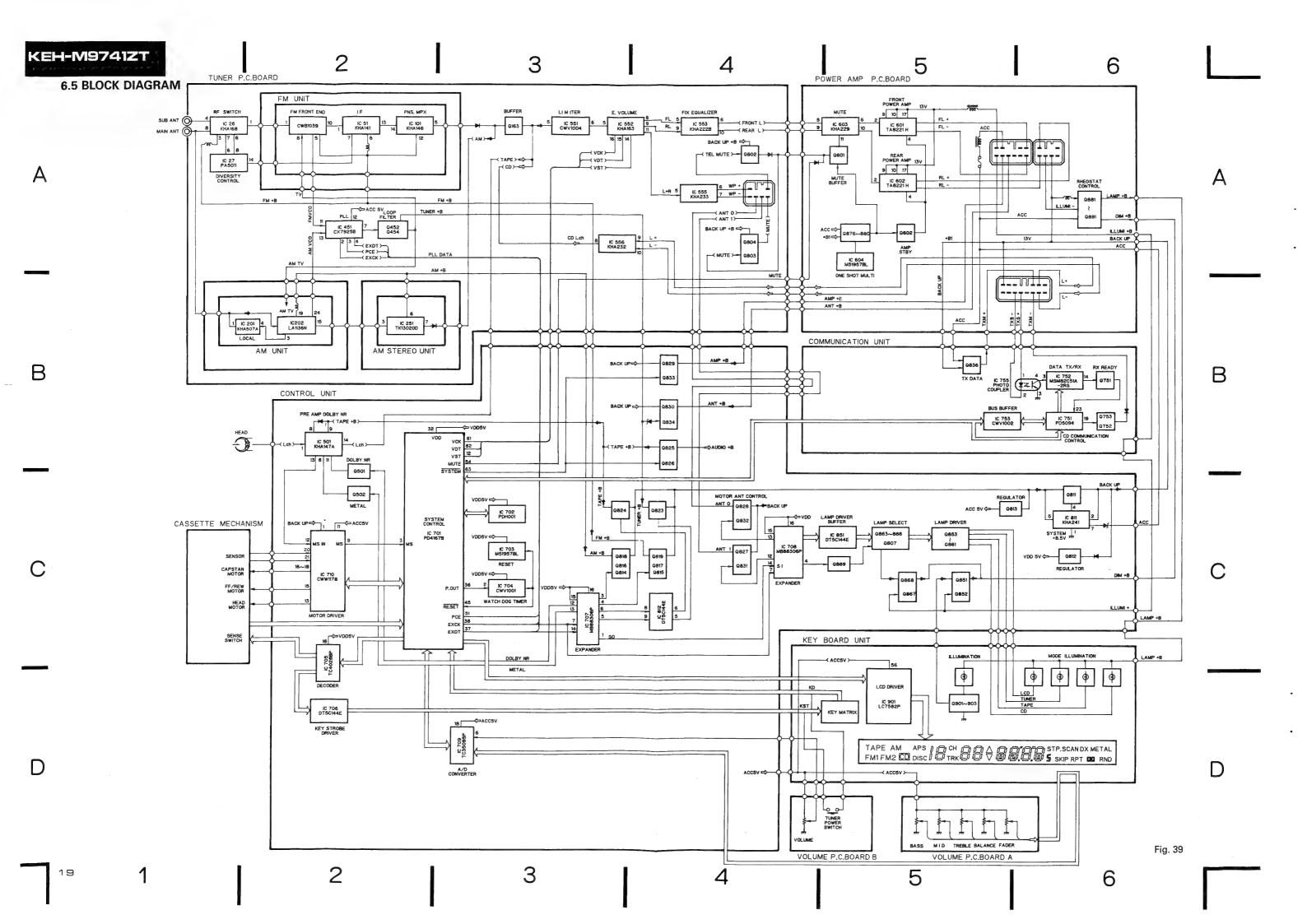


Fig. 38

In this unit, an electronic volume control circuit in IC552 is controlled by serial data. For operation of the electronic volume control circuit, the midpoint voltages of six variable resistors — VOLUME, BASS, MID, TREBLE, BALANCE and FADER — according to the rotation angles of the VRs are transmitted to IC709 in which analog signals are converted into digital signals. Then, the signal is converted into serial data in IC701, and applied to IC552 to be used for controlling the electronic volume control circuit in IC552.

19



6.6 DATA COMMUNICATION BLOCK DIAGRAM

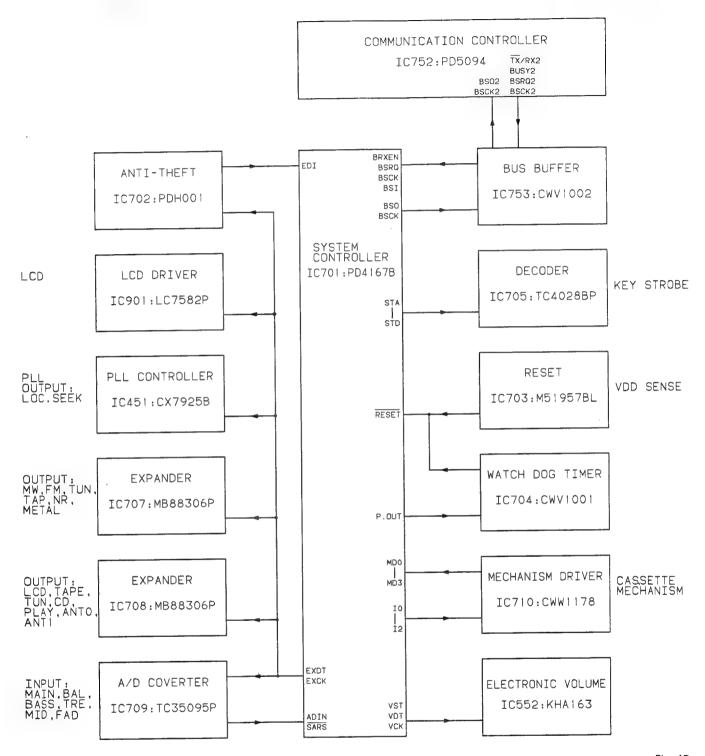


Fig. 40

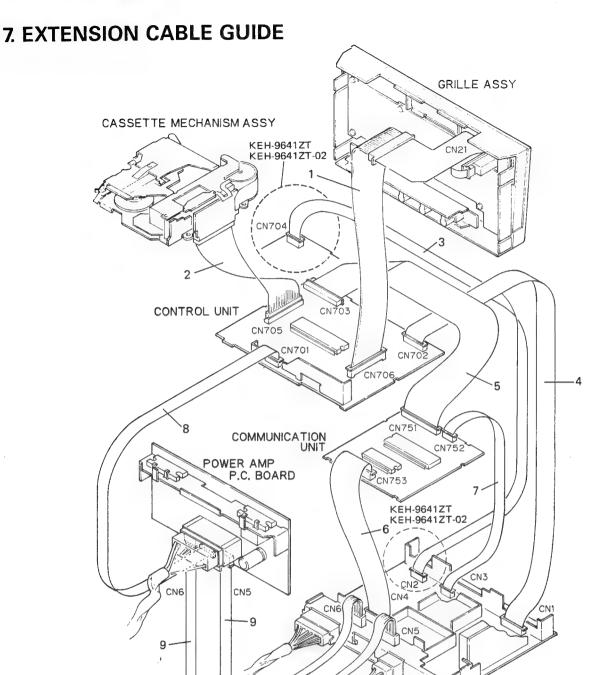


Fig. 41

No.	Part No.	Note	No.	Part No.	Note
1 2 3 4 5	GGF-126 GGF-070 GGF1018 GGF1013 GGF1014	KEH-9641ZT, KEH-9641ZT-02 KEH-M9741ZT, KEH-M9741ZT-02	6 7 8 9	GGF1017 GGF1016 GGF1015 GGF-079	KEH-M9741ZT, KEH-M9741ZT-02 KEH-M9741ZT, KEH-M9741ZT-02

TUNER P.C. BOARD

8. ADJUSTMENT

8.1 TEST MODE

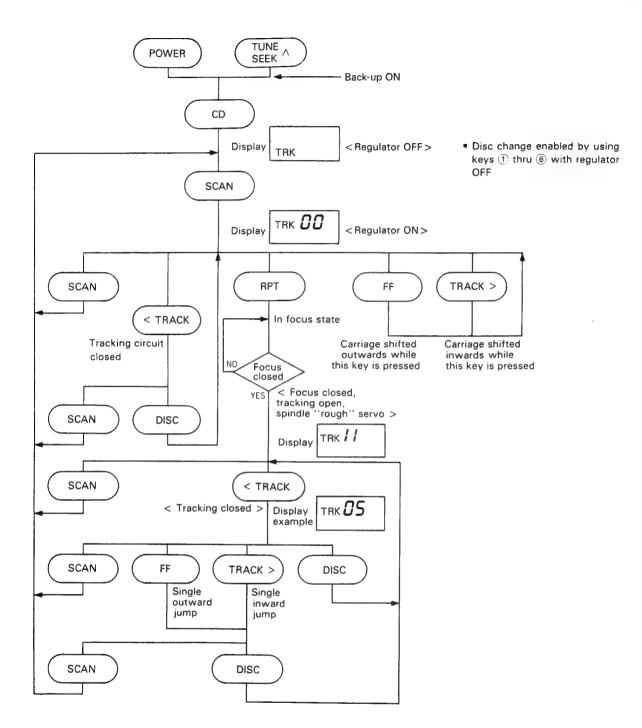
Test mode is mainly used in adjustment of CD multi-player CDX-M9741ZT

- Switching to test mode
 While pressing the POWER, TUNE keys together, switch
 the back-up ON.
- Canceling test mode Switch the CD multi-player back-up OFF.
- Key functions during test mode
 The CD multi-player is selected by the CD key.

a) CD multi-player

Key	Function
SCAN	DD converter ON/OFF
FF	FWD kick
TRACK >	REV kick
TRACK <	Tracking close
DISC	Tracking open
RPT	Focus close
RANDOM	Disc change

• Flow Chart





8.2 AUDIO/TUNER ADJUSTMENT

NOTICE:

Select C1 so that total capacity of 80pF is attained from the direction of the receiver jack.

Z: Output impedance of SSG.

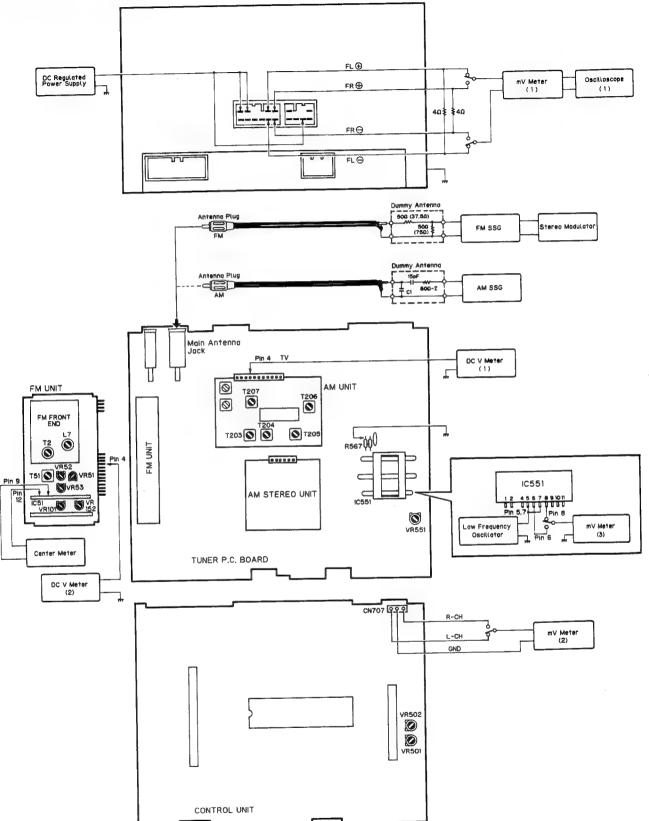


Fig. 42

DOLBY NR ADJUSTMENT

No.	Cassette Tape	Adjusting Point	Adjustment Method (Switch Position)
1	NCT-150 (400Hz, 200nwb/m)	VR501 (Lch) VR502 (Rch)	mV Meter(2):388mV(-6dBs) (DOLBY NR Switch:OFF)

LIMITER ADJUSTMENT

No.	Low Frequenc	y Oscillator	Adjusting Point	Adjustment Method
	Frequency (Hz)	Level (mV)		(Switch Position)
1	2,000	500		R567 connect to ground. mV Meter(3):A dB
2	50	500	VR 5 5 1	mV Meter(3):A±0.5 dB

AM ADJUSTMENT

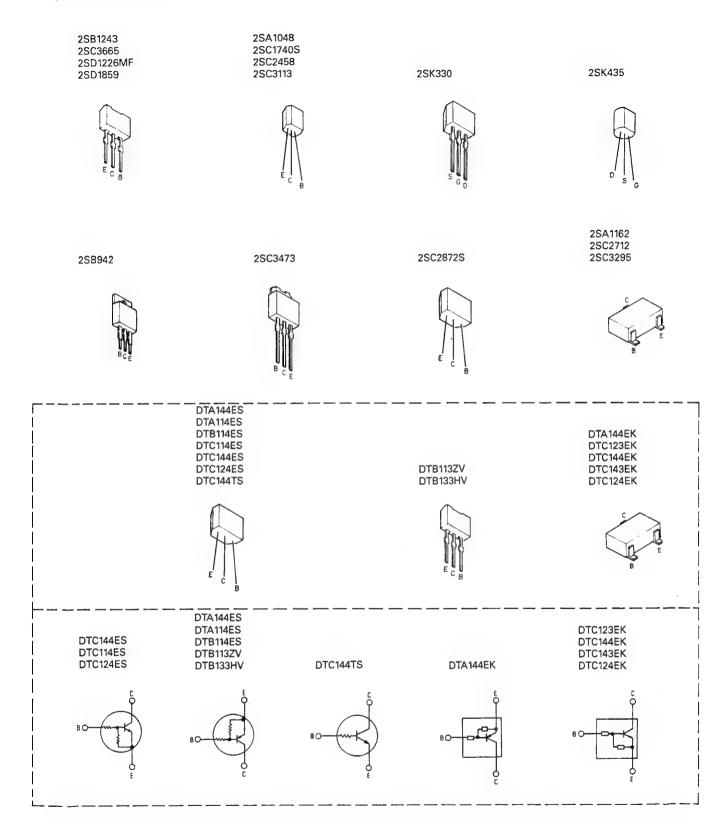
	No.	AM SSG (400	1Hz, 30%)	Displayed	Adjusting	Adjustment Method
	NO.	Frequency (kHz)	Level (dBμV)	Frequency (kHz)	Point	(Switch Position)
Tun- ing Volt	1	530	2 5	530	T207	DC V Meter (1): 1.0 ± 0.3 V
VOIT	2	1.710	2 5	1, 710		Verify that DC V Meter is less than 6.0 \pm 0.5 V.
	3	600	2 5	600	T203, 204, 205, 206	mV Meter(1):Maximum
SEEK	1	1.000	35±8	1,000		Verify that SEEK stops. SEEK stops level:BdB
	2	1,000	B + 22 ± 5	1.000		Verify that SEEK stops.

FM ADJUSTMENT %1 Stereo MOD.: 1kHz, L+R=90%, Pilot=10%

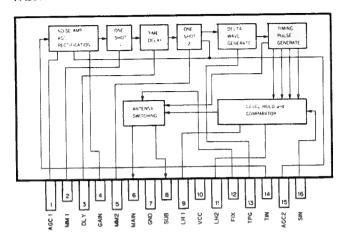
※2 Disconnect antenna plug

		FM \$56 (400	Hz, 100%)	Displayed Frequency	Adjusting Point	Adjustment Method (Switch Position)	
	No.	Frequency (MHz)	Level (dBμV)	(MHz)	7 0 1 11 0		
F	1	98.1	60	98.1	T 5 1	Center Meter:0	
ro-	1			107.9	L7	DC V Meter (1):6.7±0.2V	
nt End	2			87.9		Verify that DC V Meter is more than 2.2 \pm 0.6 V.	
	3	98. 1	15	98.1	T2	mV Meter(1):Maximum	
ARC	1	98. 1	60	98.1	VR51	DC V Meter (2):2.5±0.1V	
MPX	1	98.1 ※1	60	98. 1	VR101	mV Meter(1):Separation Maximum	
	2	98.1 ※1	35	98.1	VR152	mV Meter(1):Separation 5dB	
	3	98.1 ※1	60	98. 1		mV Meter(1):CdB	
	4	98.1 %1	-∞ ※2	98. 1	VR53	mV Meter(1):C-20dB	
SEEK	1	98.1	22±6	98.1	VR 5 2	Make SEEK stop. SEEK stops level:DdB	
	1	98. 1	D+28±10	98.1		Verify that SEEK stops.	
	[

• ICs and Transistors



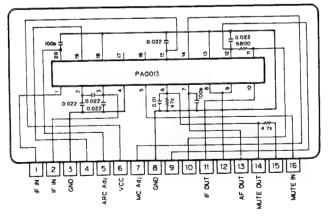
PA5011



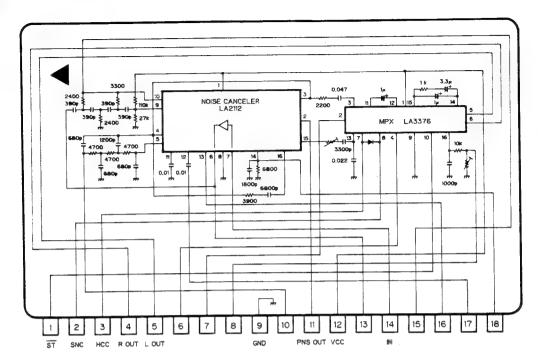
• Pin Functions (PA5011)

Pin No.	Pin Name	I/O	Functions and Operation
1	AGC1		Connected to gain control, noise amplifier AGC1 CR.
2	MM1		Connected to MMV1 output pulse width setting capacitor.
3	DLY		Connected to time delay setting capacitor.
4	GAIN		Connected to noise amplifier gain setting CR.
5	MM2		Connected to MMV2 output pulse width setting capacitor.
6	MAIN	0	"L" when the main antenna is selected.
7	GND		
В	SUB	0	"L" when the sub antenna is selected. Output phase is the opposite of that of the main antenna. Open corrector output.
9	LH1		Connected to level hold 1 capacitor.
10	VCC		
11	LH2		Connected to level hold 2 capacitor.
12	FiX	1	Auto mode when open. Fixed at main antenna when connected to GND. Fixed at sub antenna when connected to VCC.
13	TPG		Connected to timing pulse generation capacitor.
14	TIN	1	Noise amplifier input terminal. The tuner signal meter output signal passes through a capacitor and is input.
15	AGC2	1	Connected to noise amplifier AGC2 CR.
16	SIN	1	Level hold circuit input terminal. Tuner signal meter output signal is input.

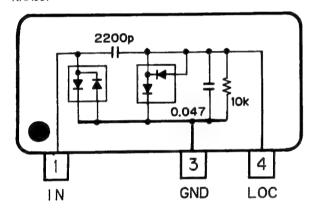
KHA141A



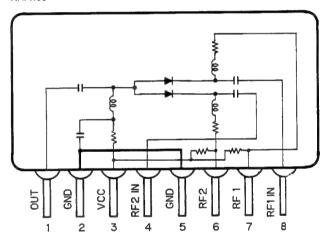
KHA146



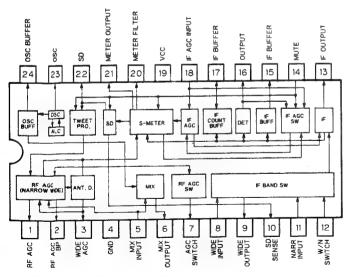
KHA507



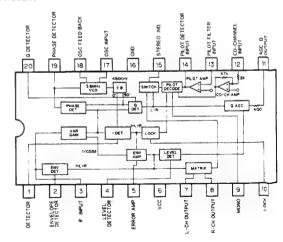


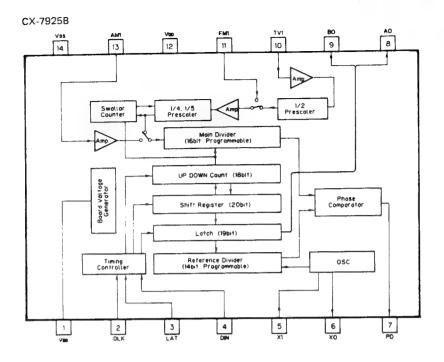


LA1136N

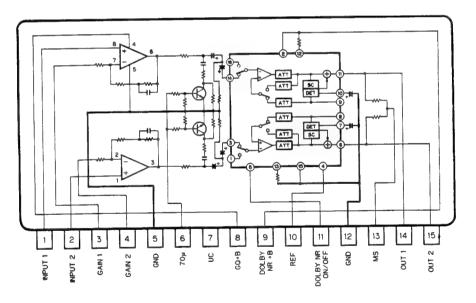


TK13020D

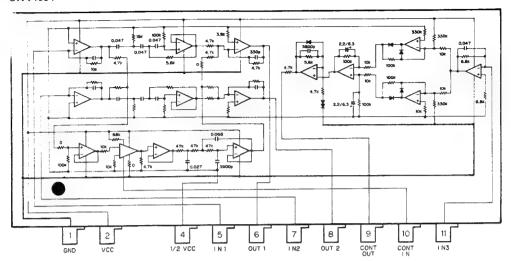




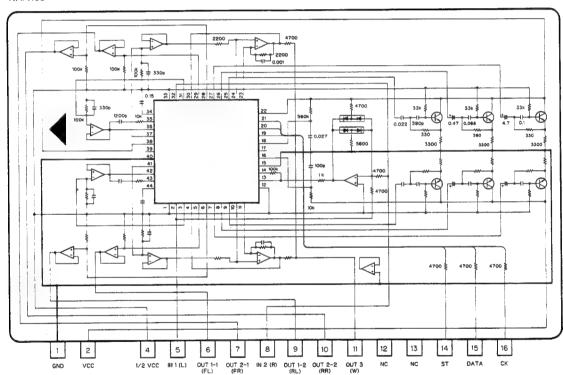
KHA147

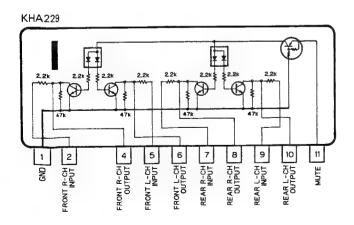


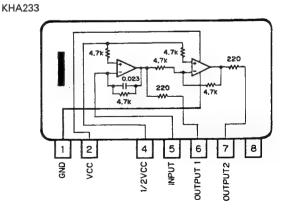
CWV1004



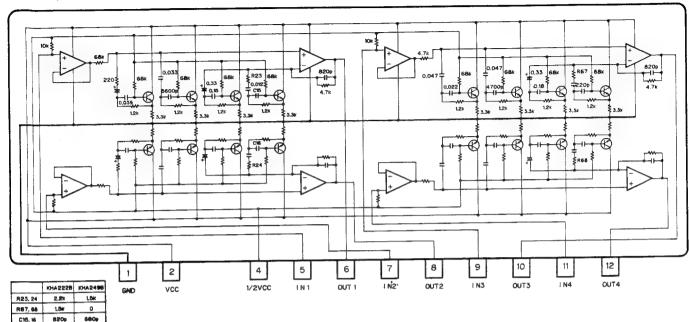
KHA163





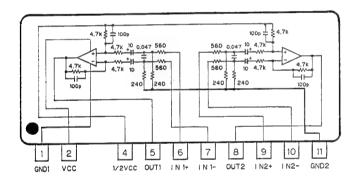


KHA222B, KHA249B

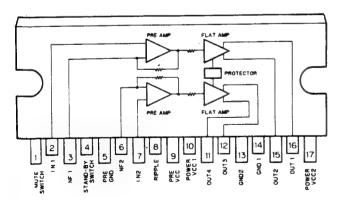


*PD4167B

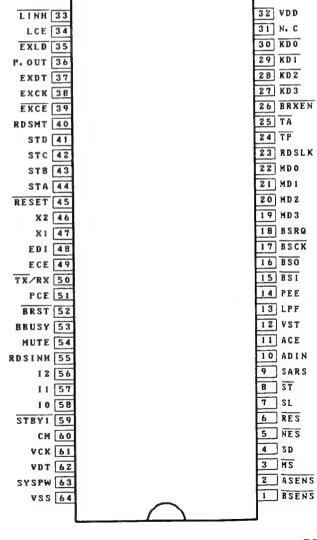
KHA232A



TA8221H



IC's marked by * are MOS type. Be careful in handling them because they are very liable to be damaged by electrostatic induction.



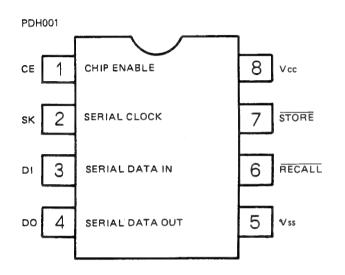
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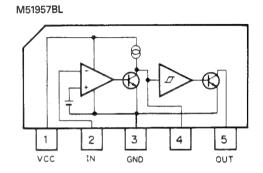
(1C552) 13 LPF Output C Not used 14 PEE Output C Beep tone output pin f=4kHz 100mS 15 BST Input Bus communication serial data input pin 16 BSO Output C Bus communication serial data output pin 17 BSCK Input Output C Bus communication serial clock input/output pin f=65kHz 18 BSRQ Input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 MO0 Not used 24 TP Input Not used 25 TA Input Not used 26 BRXEN Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	Pin No.	Pin Name	1/0	Output Format	Function and Operation
S	1	BSENS	Input		Back up power sense input pin
4 SD loot SD input pin 5 NES loot Reel pulse input pin for forward side of the tape 6 RES loot Reel pulse input pin for reverse side of the tape 7 SL loot Station level analog voltage input 8 ST loot Status input pin for A/D converter(IC709) 10 ADIN loot Data input pin for A/D converter(IC709) 11 ACE Output C Chip enable output pin for A/D converter (IC709) 12 VST Output C Strobe pulse output pin for A/D converter (IC709) 13 LPF Output C Strobe pulse output pin for electronic volume (IC552) 13 LPF Output C Beep tone output pin for electronic volume (IC552) 15 BST loot C Beep tone output pin f=4kHz 100mS 15 BST loot C Bus communication serial data output pin 1 f=6kHz 100mS 16 BSC Output C Bus communication serial data output pin 1 f=6kHz 17 BSCK loot C Bus communication serial clock input/output pin f=6kHz 18 BSRQ loot Bus communication survice request input pin 1 f=6kHz 19 MD3 loot Bus communication survice request input pin 1 f=2 MD0 23 RDSLK loot Not used 24 TP loot Not used 26 BRXEN loot Bus communication reception enable input pin 3 loot look kput Not used 27 KD3 loot Sky data input pins Key data input pins	2	ASENS	Input		ACC power sense input pin
Second Se	3	мѕ	Input		Tape MS signal input pin
Reel pulse input pin for reverse side of the tape 7 SL Input Station level analog voltage input 8 ST input Stereo input pin 9 SARS input Status input pin for A/D converter(IC709) 10 ADIN input Data input pin for A/D converter(IC709) 11 ACE Output C Chip enable output pin for A/D converter (IC709) 12 VST Output C Strobe pulse output pin for electronic volume (IC709) 13 LPF Output C Strobe pulse output pin for electronic volume (ICS52) 14 PEE Output C Beep tone output pin f=4kHz 100mS 15 BST Input Bus communication serial data input pin 16 BSC Output C Bus communication serial data output pin 17 BSCK Input C Bus communication serial data output pin 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 MD3 Input Not used 24 TP Input Not used 25 TA input Not used 26 BRXEN Input Bus communication reception enable input pin Key data input pins	4	SD	Input		SD input pin
Tape 7 SL Input Station level analog voltage input 8 ST input Stereo input pin 9 SARS input Status input pin for A/D converter(IC709) 10 ADIN input Data input pin for A/D converter(IC709) 11 ACE Output C Chip enable output pin for A/D converter (IC709) 12 VST Output C Strobe pulse output pin for electronic volume (IC552) 13 LPF Output C Beep tone output pin f=4kHz 100mS 14 PEE Output C Beep tone output pin f=4kHz 100mS 15 BST Input Bus communication serial data input pin 16 BSC Output C Bus communication serial data output pin 17 BSCK input C Bus communication serial clock input/output pin f=65kHz 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 Not used 24 TP input Not used 25 TA input Not used 26 BRXEN input Eve data input pins Key data input pins	5	NES	Input		
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9 SARS Input Status input pin for A/D converter(IC709) 10 ADIN Input Data input pin for A/D converter(IC709) 11 ACE Output C Chip enable output pin for A/D converter (IC709) 12 VST Output C Strobe pulse output pin for electronic volume (IC552) 13 LPF Output C Beep tone output pin f=4kHz 100mS 14 PEE Output C Beep tone output pin f=4kHz 100mS 15 BST Input Bus communication serial data input pin 16 BSO Output C Bus communication serial data output pin 17 BSCK Input Output C Bus communication serial clock input/output pin f=65kHz 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 RDSLK Input Not used 24 TF Input Not used 25 TA Input Bus communication reception enable input pin 27 KD3 Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	7	SL	Input		Station level analog voltage input
10 ADIN Input Data input pin for A/D converter(IC709) 11 AGE Output C Chip enable output pin for A/D converter (IC709) 12 VST Output C Strobe pulse output pin for electronic volume (IC552) 13 LPF Output C Beep tone output pin f=4kHz 100mS 14 PEE Output C Beep tone output pin f=4kHz 100mS 15 BST Input Bus communication serial data input pin 16 BSC Output C Bus communication serial data output pin 17 BSCK Input C Bus communication serial data output pin f=65kHz 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 MD0 Not used 24 TP Input Not used 25 TA Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	8	ਬਾ	Input		Stereo input pin
11 ACE Output C Chip enable output pin for A/D converter (1G709) 12 VST Output C Strobe pulse output pin for electronic volume (1G552) 13 LPF Output C Not used 14 PEE Output C Beep tone output pin f=4kHz 100mS 15 BST Input Bus communication serial data input pin 16 BSO Output C Bus communication serial data output pin 17 BSCK Input Output C Bus communication serial clock input/output pin f=65kHz 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 Not used 24 TP Input Not used 25 TA Input Not used 26 BRXEN Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	9	SARS	Input		Status input pin for A/D converter([C709)
(1C709) 12 VST Output C Strobe pulse output pin for electronic volume (1C552) 13 LPF Output C Not used 14 PEE Output C Beep tone output pin f=4kHz 100mS 15 BST Input Bus communication serial data input pin 16 BSC Output C Bus communication serial data output pin 17 BSCK Input C Bus communication serial clock input/output pin f=65kHz 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 23 RDSLK Input Not used 24 TP Input Not used 25 TA Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	10	ADIN	Input		Data input pin for A/D converter(1C709)
(1C552) 13 LPF Output C Not used 14 PEE Output C Beep tone output pin f=4kHz 100mS 15 BST Input Bus communication serial data input pin 16 BSO Output C Bus communication serial data output pin 17 BSCK Input Output C Bus communication serial clock input/output pin f=65kHz 18 BSRQ Input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 MO0 Not used 24 TP Input Not used 25 TA Input Not used 26 BRXEN Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	1 1	ACE	Output	С	
Not used 14 PEE Output C Beep tone output pin f=4kHz 100mS 15 BST Input Bus communication serial data input pin 16 BSO Output C Bus communication serial data output pin 17 BSCK Input C Bus communication serial clock input/output pin f=65kHz 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 MD0 Not used 24 TP input Not used 25 TA input Not used 26 BRXEN input Bus communication reception enable input pin Key data input pins KEY data input pins	12	VST	Output	С	Strobe pulse output pin for electronic volume (1C552)
15 BST Input Bus communication serial data input pin 16 BSC Output C Bus communication serial data output pin 17 BSCK Input C Bus communication serial clock input/output pin f=65kHz 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 Not used 24 TP Input Not used 25 TA Input Not used 26 BRXEN Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	13	LPF	Output	С	Not used
16 BSO Output C Bus communication serial data output pin 17 BSCK input Output C Bus communication serial clock input/output pin f=65kHz 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 Not used 23 RDSLK input Not used 24 TP Input Not used 25 TA Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	14	PEE	Output	С	Beep tone output pin f=4kHz 100mS
17 BSCK input C Bus communication serial clock input/output pin f=65kHz 18 BSRQ input Bus communication survice request input pin 19 MD3 Input Mechanism switch sense input pins 22 MD0 Not used 24 TF Input Not used 25 TA Input Not used 26 BRXEN Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	15	BST	Input		Bus communication serial data input pin
18 BSRQ input Bus communication survice request input pin 19 MD3 liput Mechanism switch sense input pins 22 MD0 Not used 24 TP Input Not used 25 TA Input Not used 26 BRXEN Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	16	BSO	Output	С	Bus communication serial data output pin
19 MD3 Input Mechanism switch sense input pins 22 MD0 Not used 23 RDSLK input Not used 24 TP Input Not used 25 TA Input Not used 26 BRXEN Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	17	взск			
22 MDO 23 RDSLK input Not used 24 TP input Not used 25 TA input Not used 26 BRXEN input Bus communication reception enable input pin 27 KD3 Input Key data input pins	18	BSRQ	laput		Bus communication survice request input pin
23 RDSLK input Not used 24 TP input Not used 25 TA input Not used 26 BRXEN input Bus communication reception enable input pin 27 KD3 input Key data input pins	19	мрз	Input		Mechanism switch sense input pins
24 TP input Not used 25 TA input Not used 26 BRXEN input Bus communication reception enable input pin 27 KD3 Input Key data input pins	22	MDO			
25 TA Input Not used 26 BRXEN Input Bus communication reception enable input pin 27 KD3 Input Key data input pins	23	RDSLK	Input		Not used
26 BRXEN Input Bus communication reception enable input pin 27 KD3 Input Key data input pins 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24	TP	Input		Not used
27 KD3 Input Key data input pins 1 1 30 KD0	25	TA	Input		Not used
30 KDO	26	BRXEN	Input		Bus communication reception enable input pin
	1	1	Input		Key data input pins
1 3 1 1 1 1 1 1		N. C	1		

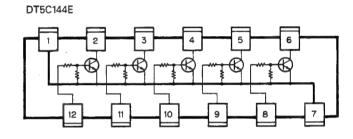
Pin No.	Pin Name	1/0	Output Format	Function and Operation
32	VDD			Device power supply terminal
33	LINH	Output	С	Inhibit output pin for LCD driver(IC901)
34	LCE	Output	С	Chip enable output pin for LCD driver(IC901)
35	EXLD	Output	С	Data load output pin for expander (10707, 708)
36	P. OUT	Output	С	Pulse output pin for watch dog timer(IC704)
37	EXDT	Output	С	Data output pin for external [C
38	EXCK	Output	С	Clock output pin for external IC
39	EXCE	Output	С	Chip enable pin for expander (IC707, 708)
40	RDSMT	Output	С	Not used
41	STD STA	Output	O	Mechanism switch, strobe output pins
45	RESET	Input		Reset input pin
46 47	X2 X1			Crystal oscillator connection pins
48	EDI	Input		Serial data output pin for EEPROM(IC702)
49	ECE	Output	С	Chip enable pin for EEPROM(IC702)
50	TX/RX	Output	С	Bus communication TX(Transmission)/RX(Reception) control output pin
51	PCE	Output	С	PLL IC(IC451) chip enable pin
52	BRST	Output	С	Bus communication reset output pin
53	BBUSY	Output	С	Bus communication busy output pin
54	MUTE	Output	С	System mute output pin
55	RDSINH	Output	С	Not used
56 57 58	11	Output	С	Data output pins for mechanism driver(IC710)
59	STBYI	Output	С	Standby output pin for mechanism driver(IC710)
60	CM	Output	C	Capstan motor ON/OFF control output pin
61	VCK	Output	C	Clock output pin for electronic volume (IC522)
62	VDT	Output	C	Data output pin for electronic volume(IC522)
63	SYSPW	Output	C	Power amplifier power ON/OFF control output pin

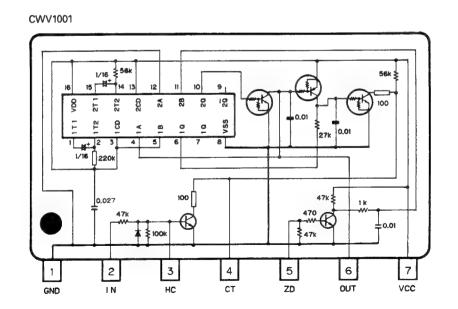
Pin No.	Pin Name	1/0	Output Format	Function and Operation
64	vss			GND terminal

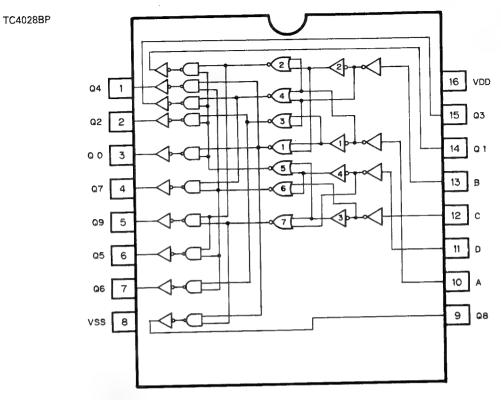
Output format	Meaning
N	N channel open drain
С	C-MOS







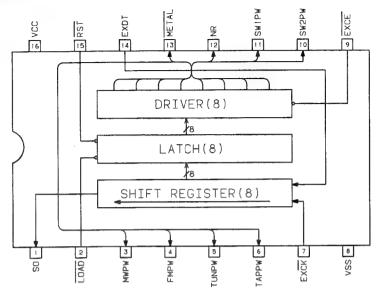




• Pin Function (TC4028BP)

PII	Function (10402	.001 /	
Pin No.	Pin Name	1/0	Output Format	Function and Operation
1	KSTI			
2	кѕтз			
3	кѕто			
4	кѕт2	Output	C	Key matrix strobe output pins
5	KST4			
6	кѕт5			
7	KST6			
8	vss			GND terminal
9	MSTO			
14	MST1	Output	С	Mechanism switch, strobe output pins
15	MST2			
10	A			
1 1	D	Input		Data input pins
12	G	, mput		
13	В			
16	VDD			Device power supply terminal

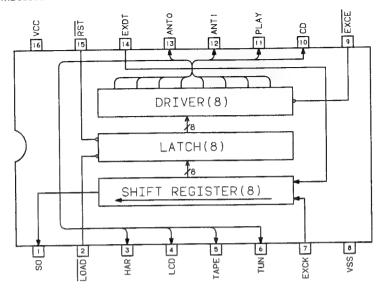
IC707: MB88306P



• Pin Function (IC707 : MB88306P)

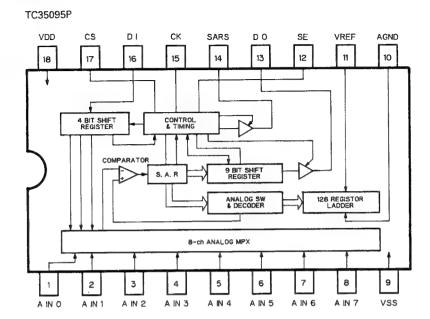
		,		
Pin No.	Pin Name	1/0	Output Format	Function and Operation
1	so	Output	С	Serial data output pin
2	LOAD	Input		Data load input pin
3	MWPW	Output	С	MW+B ON/OFF select output pin
4	FMPW	Output	С	FM+B ON/OFF select output pin
5	TUNPW	Output	С	Tuner+B ON/OFF select output pin
6	TAPPW	Output	C	Tape+B ON/OFF select output pin
7	EXCK	Input		Clock input pin
8	vss			GND terminal
9	EXCE	Input		Chip enable input pin
10	SW2PW	Output	С	SW2+B ON/OFF select output pin
1 1	SW1PW	Output	С	SW1+B ON/OFF select output pin
12	NR	Output	С	Dolby NR ON/OFF select output pin
13	METAL	Output	C	Tape METAL ON/OFF select output pin
14	EXDT	Input	С	Serial data output pin
15	RST	Input		Reset input pin
16	VDD			Device power supply terminal

IC708 : MB88306P



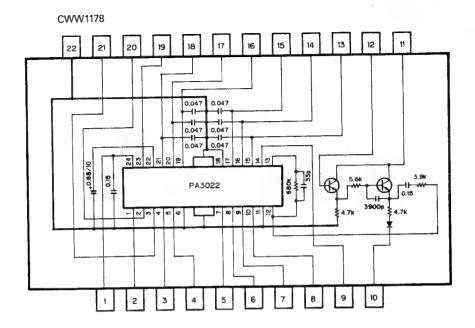
• Pin Function (IC708 : MB88306P)

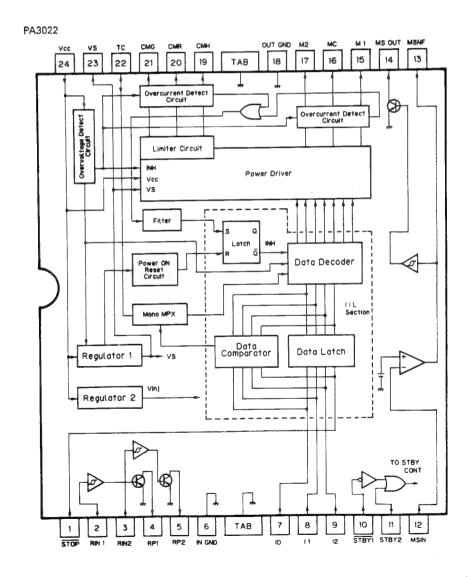
Pin	Pin	1/0	Output	Function and Operation
No.	Name		Format	
1	so	Output	С	Serial data output pin
2	LOAD	Input		Data load input pin
3	HAR	Output	C	Not used
4	LCD	Output	C	Lamp of LCD ON/OFF control output pin
5	TAPE	Output	C	Lamp of TAPE ON/OFF control output pin
6	TUN	Output	С	Lamp of TUNER ON/OFF control output pin
7	EXCK	Input		Clock input pin
8	vss			GND terminal
9	EXCE	Input		Chip enable input pin
10	CD	Output	С	Lamp of CD ON/OFF control output pin
1 1	PLAY	Output	С	Tape MS filter select output pin
12	ANT1	Output	С	ANT1 control output pin
13	ANTO	Output	С	ANTO control output pin
14	EXDT	Input	С	Serial data output pin
15	RST	Input		Reset input pin
16	VDD			Device power supply terminal



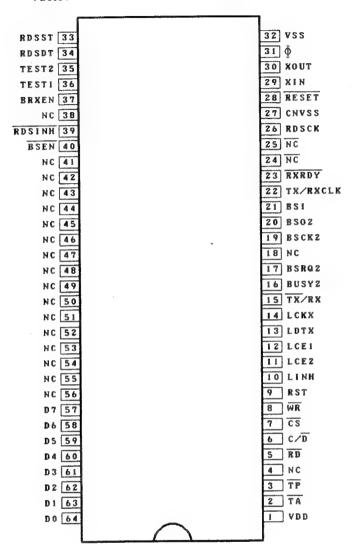
• Pin Function (TC35095P)

Pin No.	Pin Name	1/0	Output	Function and Operation
	N. C			Not used
2	N. C			Not used
3	BASS	Input		BASS level input terminal
4	TRE	Input		TREBLE level input terminal
5	FAD	lnput		FADER level input terminal
6	MAIN	Input		VOLUME level input terminal
7	BAL	lnput		BALANCE level input terminal
8	MID .	Input		MIDDLE level input terminal
9	vss			GND terminal
10	AG			Analog GND terminal
1 1	VREF	Input		Reference voltage input pin
12	SE	Input		Not used
13	DO	Output	С	Serial data output pin
14	SARS	Output	С	Status output pin
15	EXCK	Input		Serial clock input pin
16	EXDT	Input		Data input pin
17	ACE	Input		Chip enable input pin
18	VDD			Device power supply terminal





*PD5094

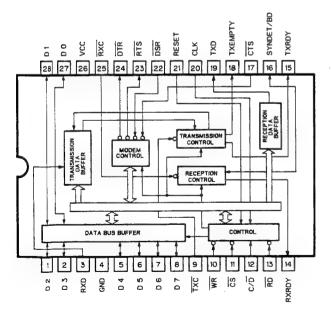


• Pin Function (PD5094)

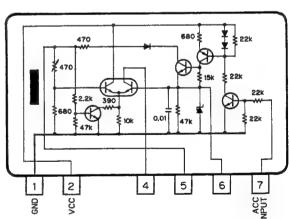
Pin No.	Pin Name	1/0	Output Format	Function and Operation
1	VDD			Device power supply terminal
2	ТА	Output	C	Not used
3	קד	Output	С	Not used
4	NC			
5	מא	Output	С	Read signal output pin for IC752
6	C/D	Output	С	Control/Data switching signal output pin for 1C752
7	CS	Output	С	Chip select signal output pin for IC752
8	WR	Output	С	Write signal output pin for 10752
9	RST	Output	С	Reset signal output pin for 10752
10	LINH	Output	С	Not used
1 1	LCE2	Output	С	Not used
12	LCE1	Output	С	Not used
13	LDTX	Output	С	Not used
14	LCKX	Output	С	Not used
15	TX/RX2	Output	С	Bus communication TX(Transmission)/RX(Recept-ion) control output pin
16	BUSY2	Output	С	Bus communication busy output pin
17	BSRQ2	Output	С	Bus communication service request output pin
18	NC			
19	BSCK2	Input/ Output	i .	Bus communication serial clock input/output pin f=19.2kHz
20	BSO2	Output	С	Bus communication serial data output pin
21	BSI	Input		Bus communication serial data input pin
22	TX/RX CLK	Output	G	Communication sampling clock output pin for 1C753 f=76,8kHz
23	RXRDY	Input		Reception request input pin
24	NC			
25	NC			
26	RDSCK	Input		Not used
27	CNVSS	Input		GND

Pin No.	Pin Name	1/0	Output	Function and Operation
28	RESET	Input		Reset input pin
29 30	XIN TUOX	Input Output	С	Crystal oscillator connection pins
31	Ф	Output	С	Clock output pin for IC752 f=1, 228, 800Hz
32	VSS			GND
33	RDSST	Input		Not used
34	RDSDT	Input		Not used
35 36	TEST2 TEST1	Input		Not used
37	BRXEN	Input		Bus communication reception enable input pin
38	NC			
39	RDSTNH	Input		Not used
40	BSEN	Input		Back up power sense input pin
4,1	NC			
1 56				
57 64	D7 D0	Input/ Output		Data input/output pins for IC752

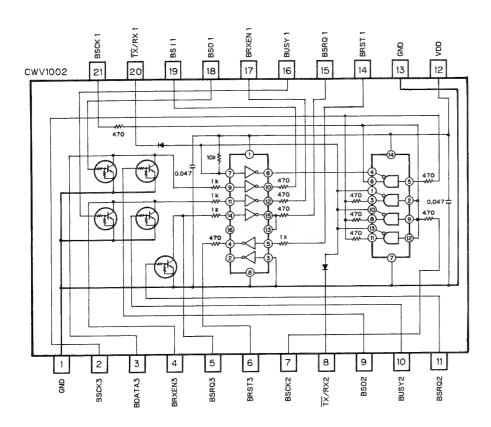
MSM82C51A-2RS-H



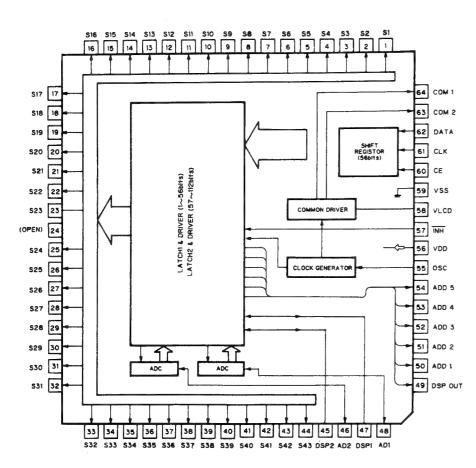
KHA241



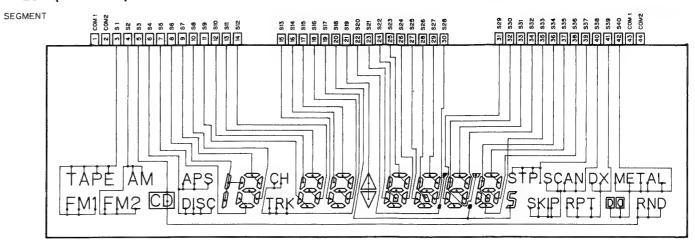
CWV1002



LC7582P



• LCD (CWA1044)



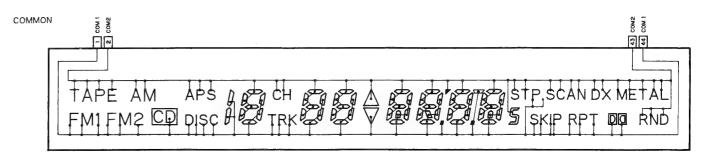
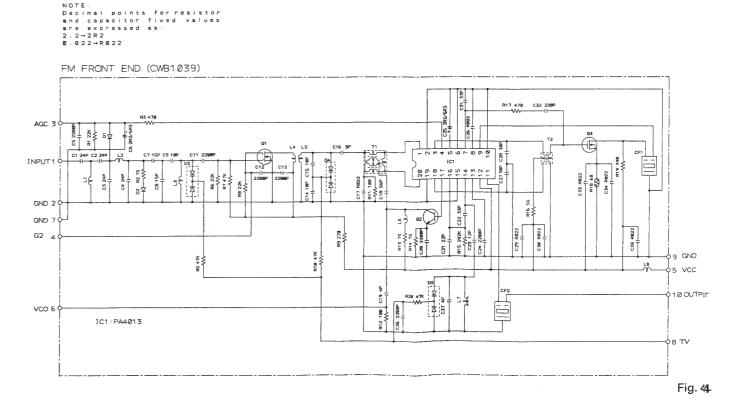
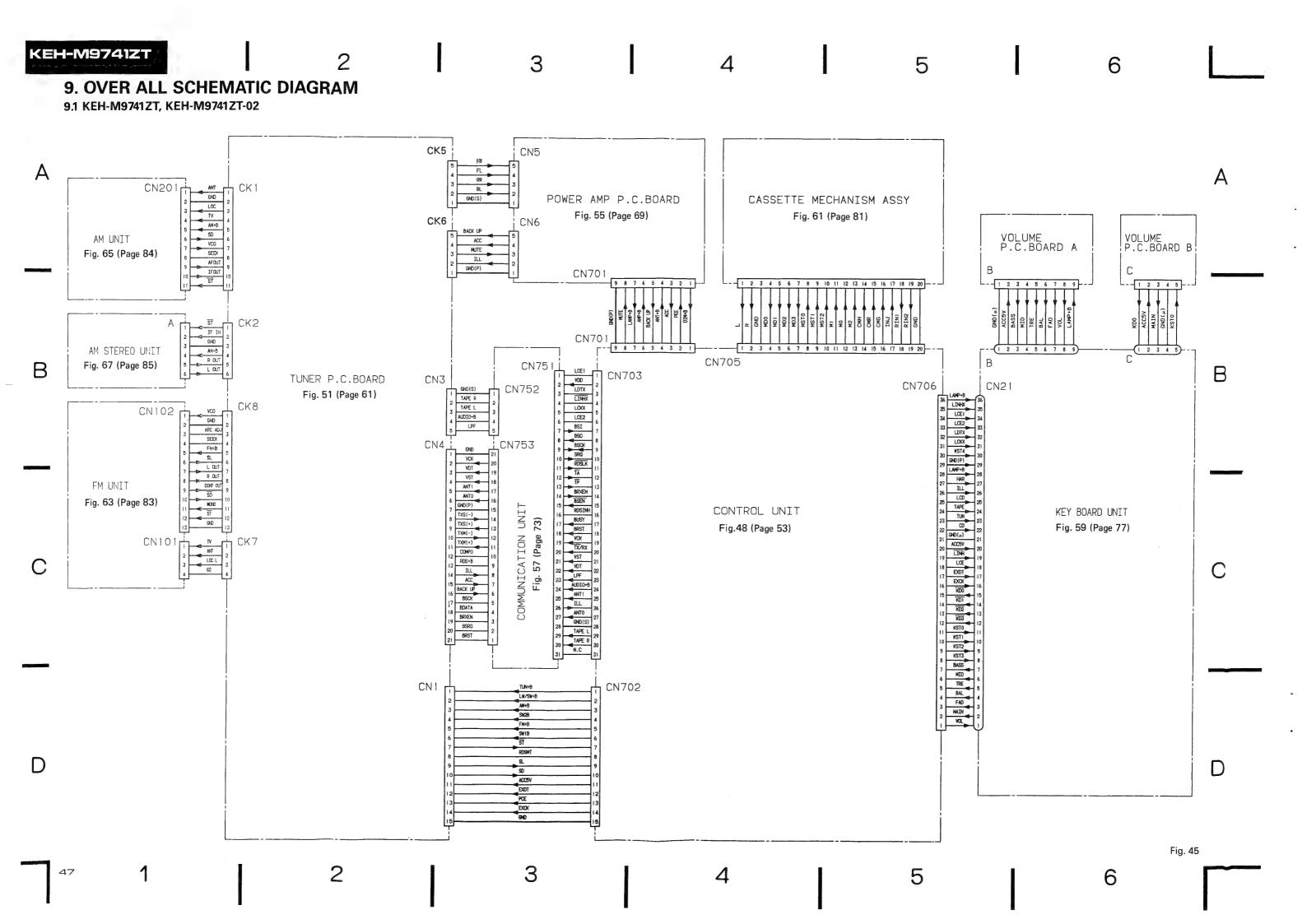


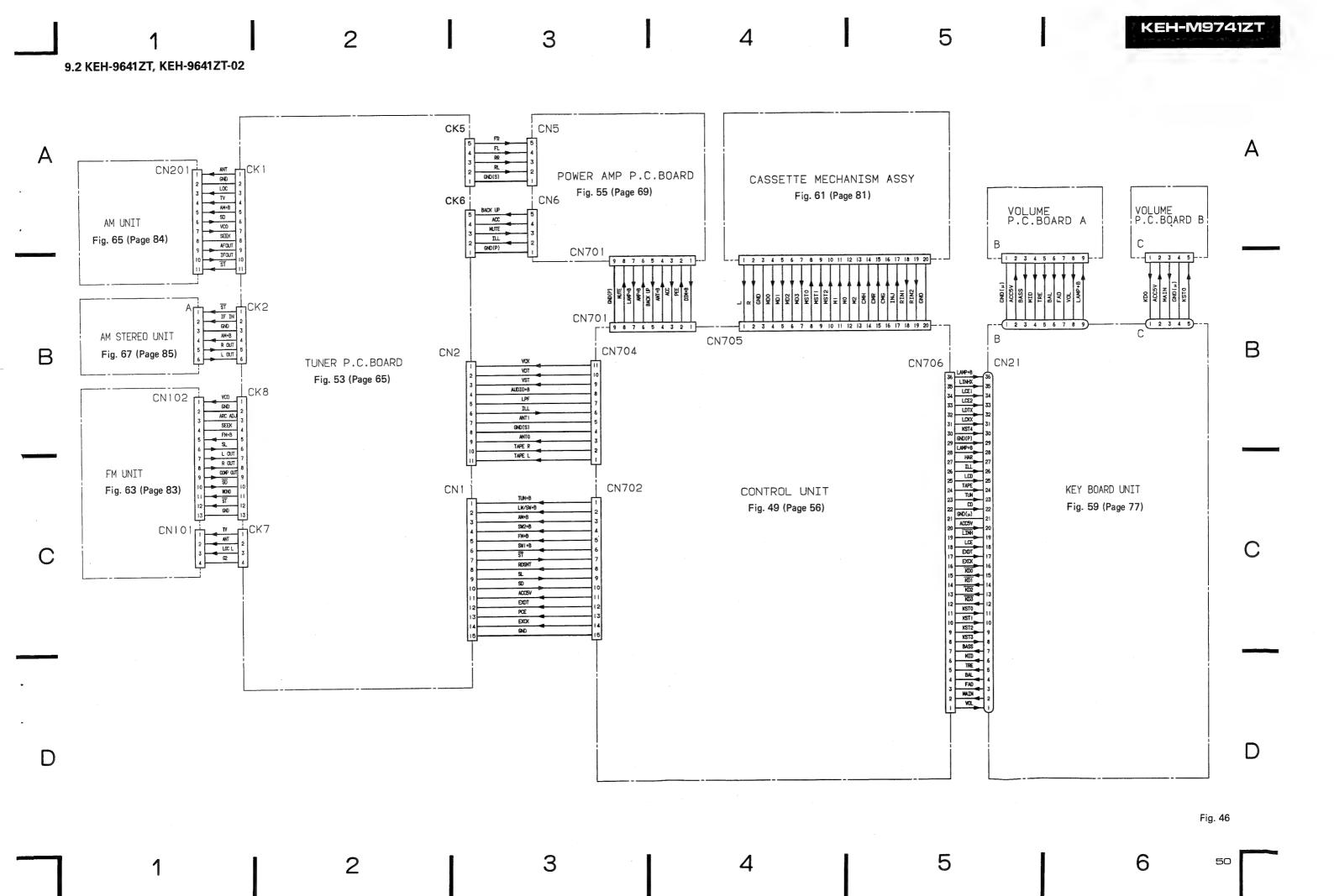
Fig. 43

• FM FRONT END (CWB1039)



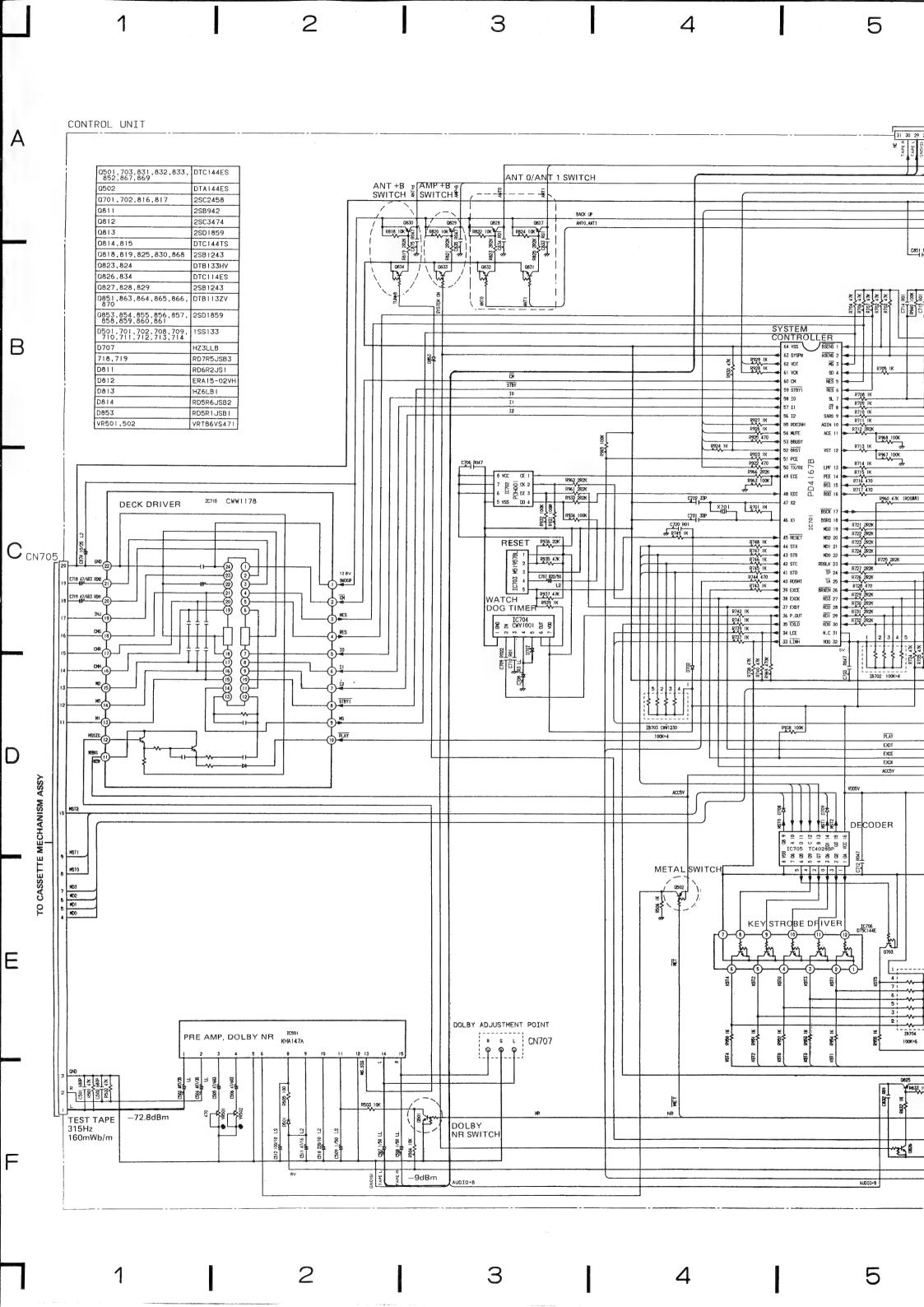
45 45

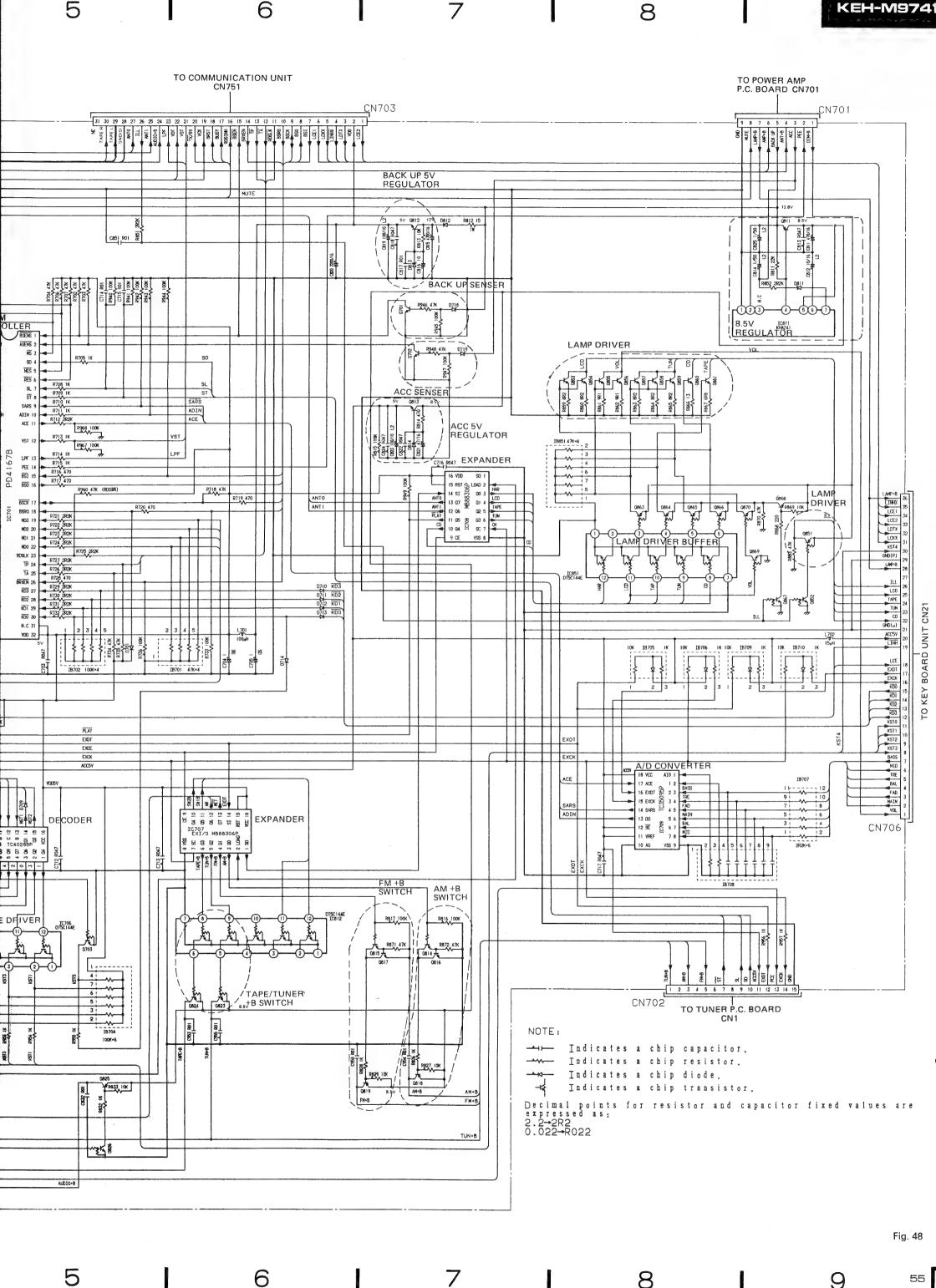


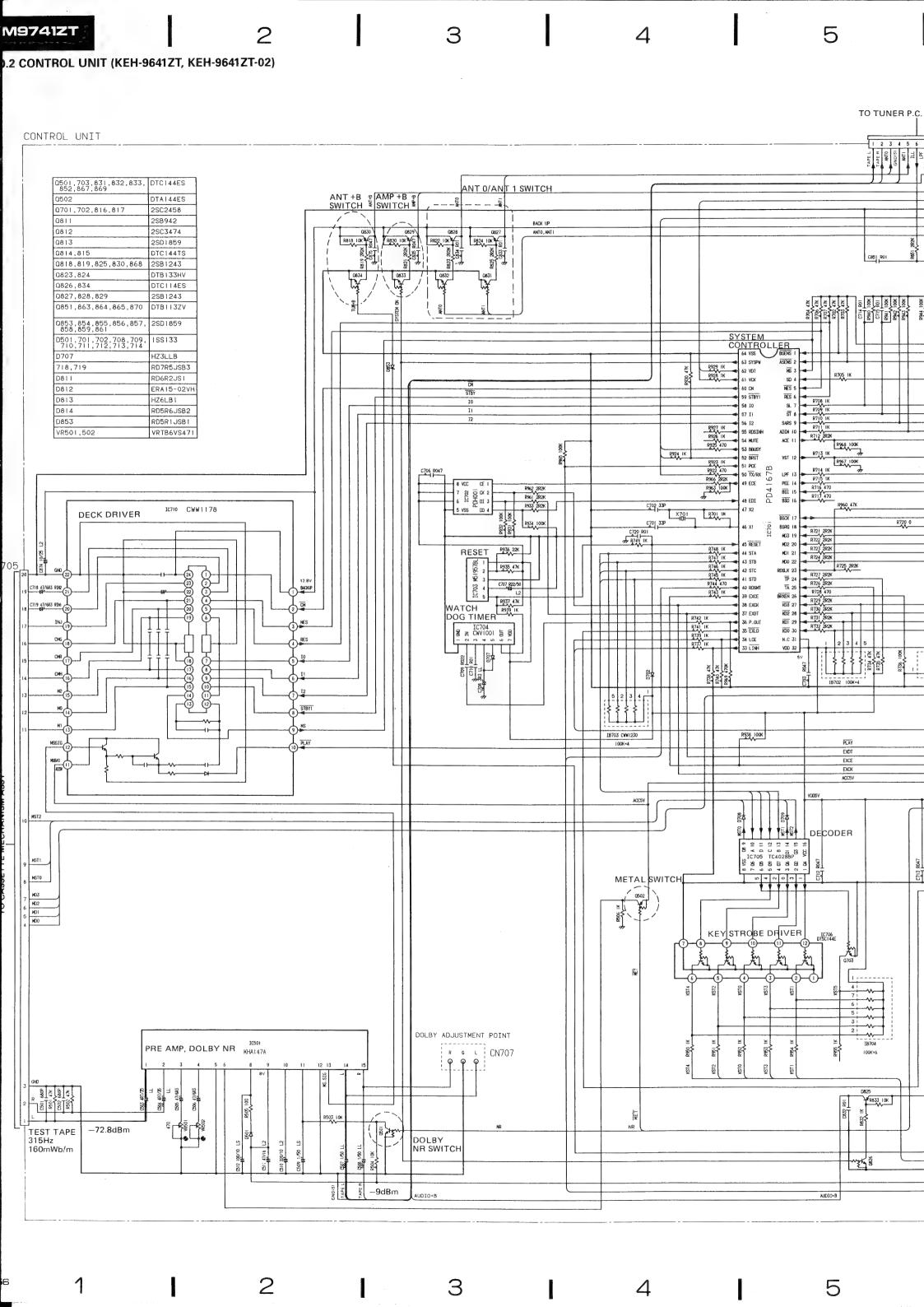


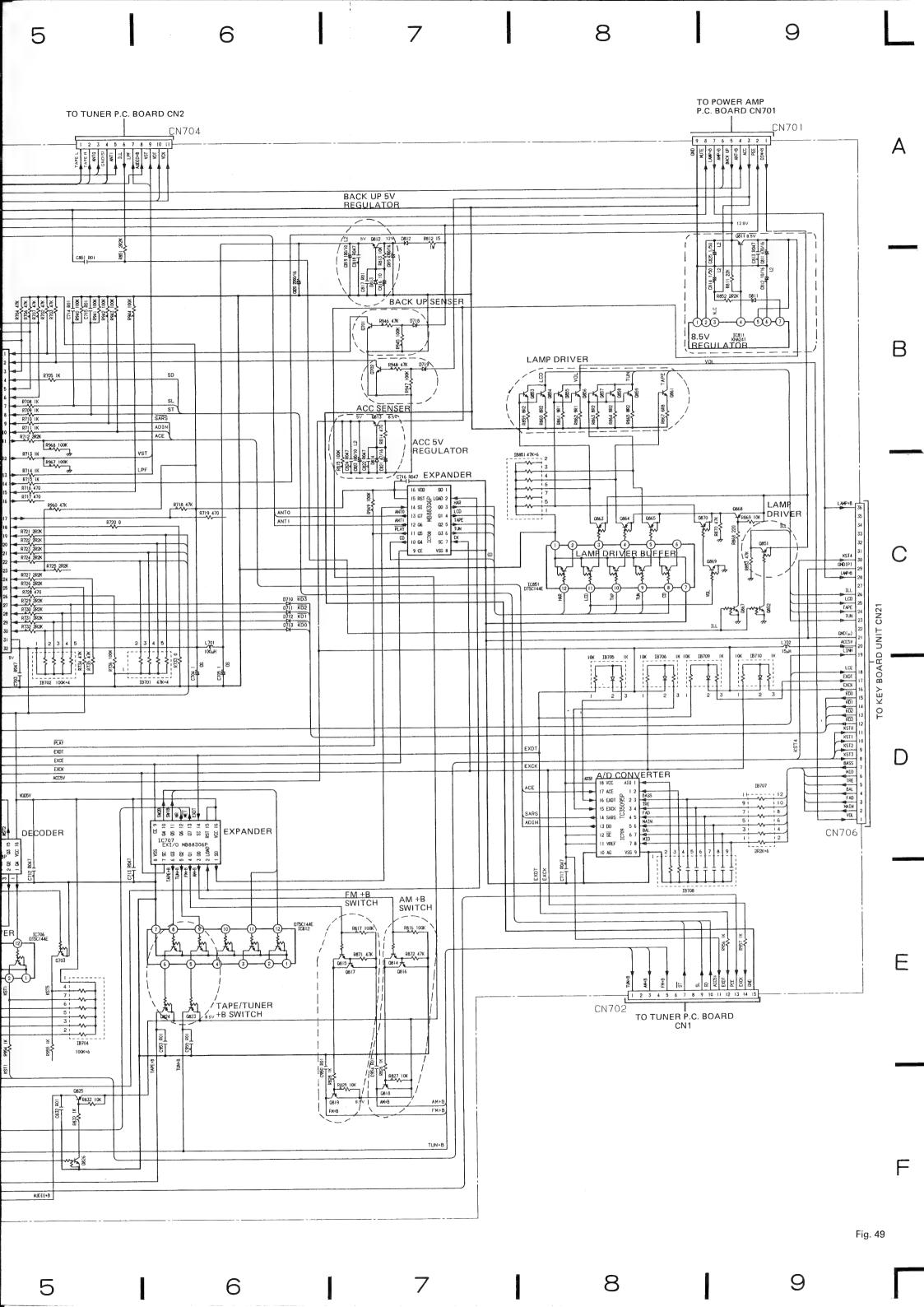
TO KEY BOARD UNIT CN21 7654321 ① ②③ IB705. IB706 IB709, IB710 →TO COMMUNICATION UNIT CN751 TO TUNER P.C. BOARD

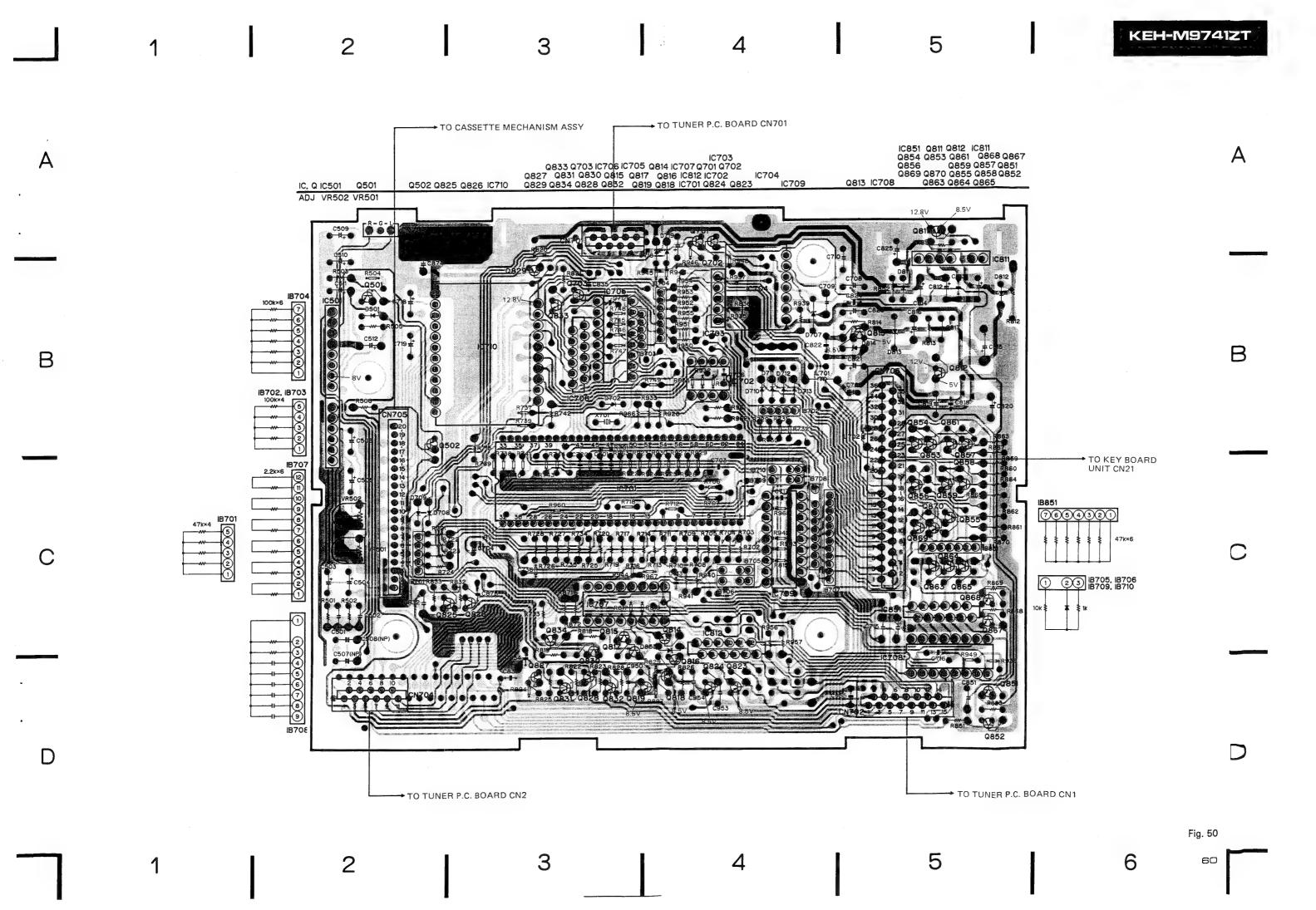
Fig. 47

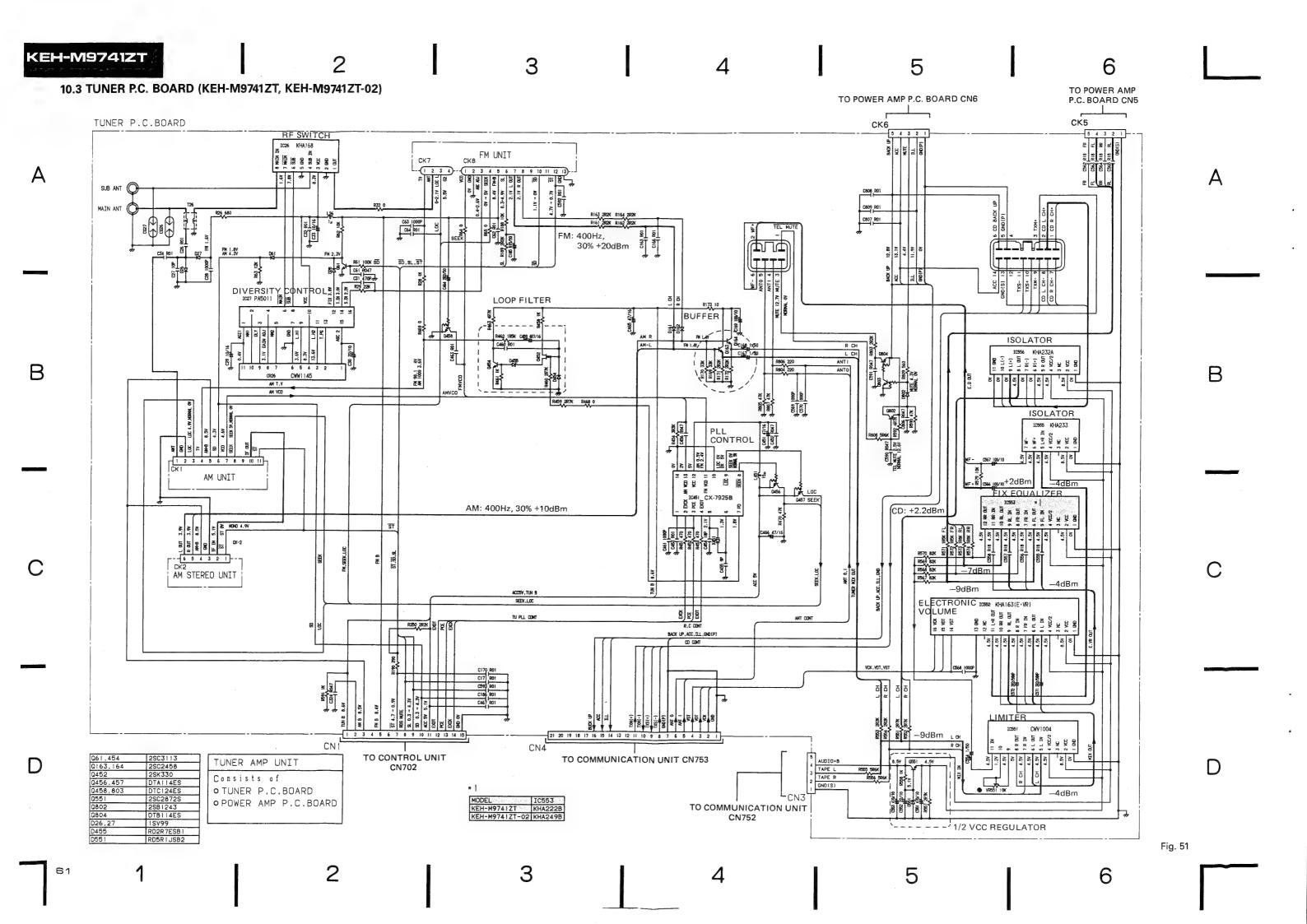


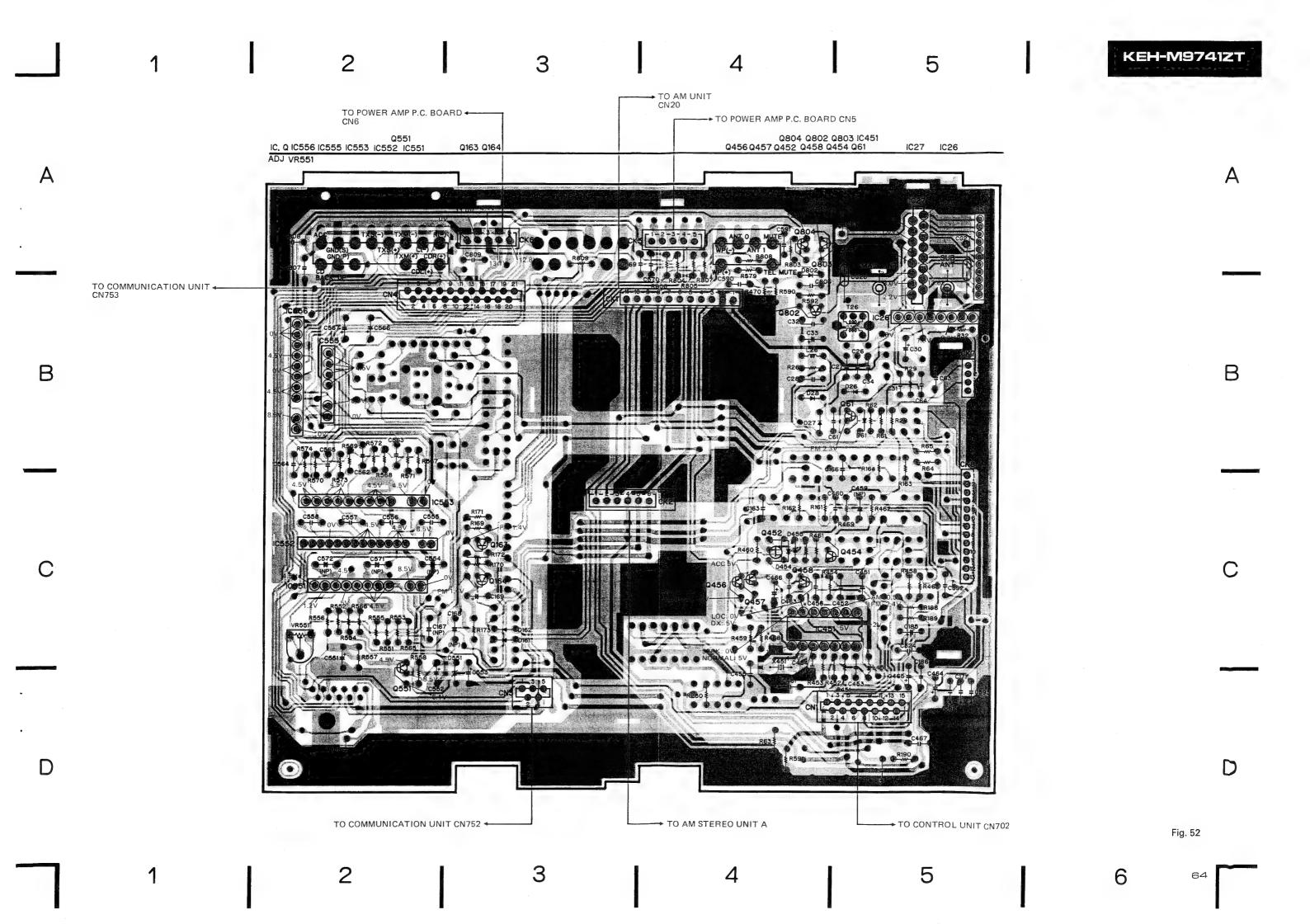


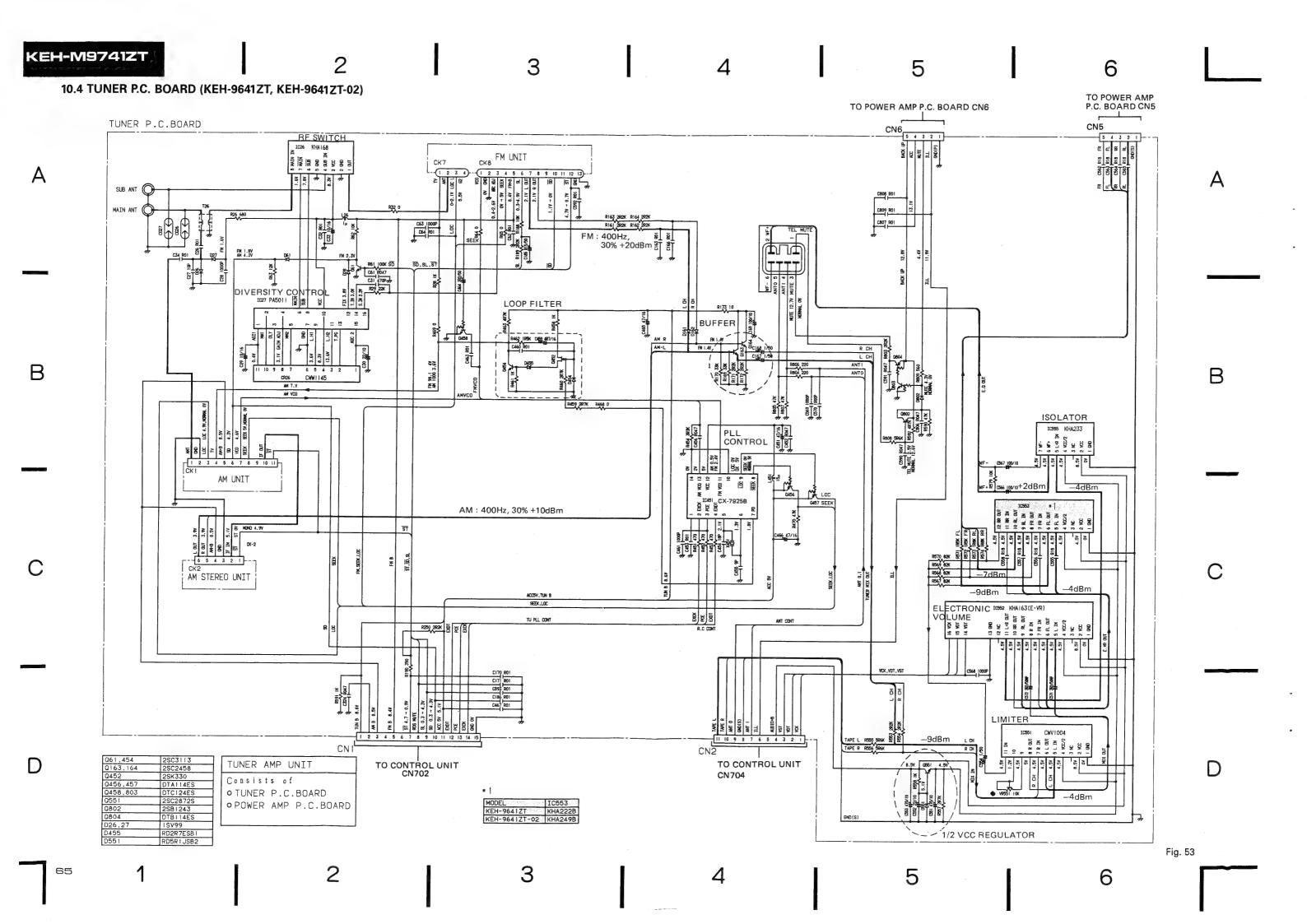


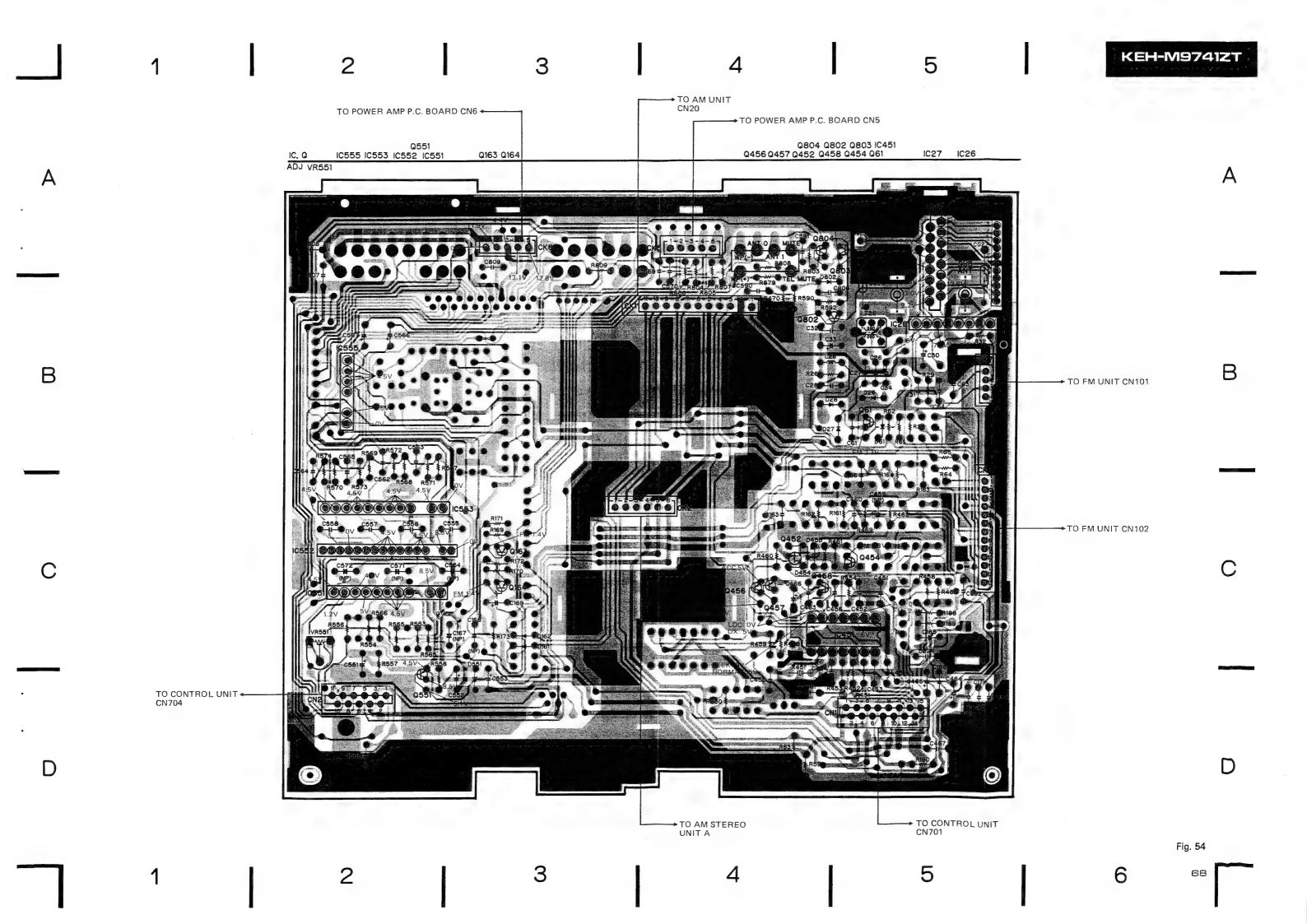


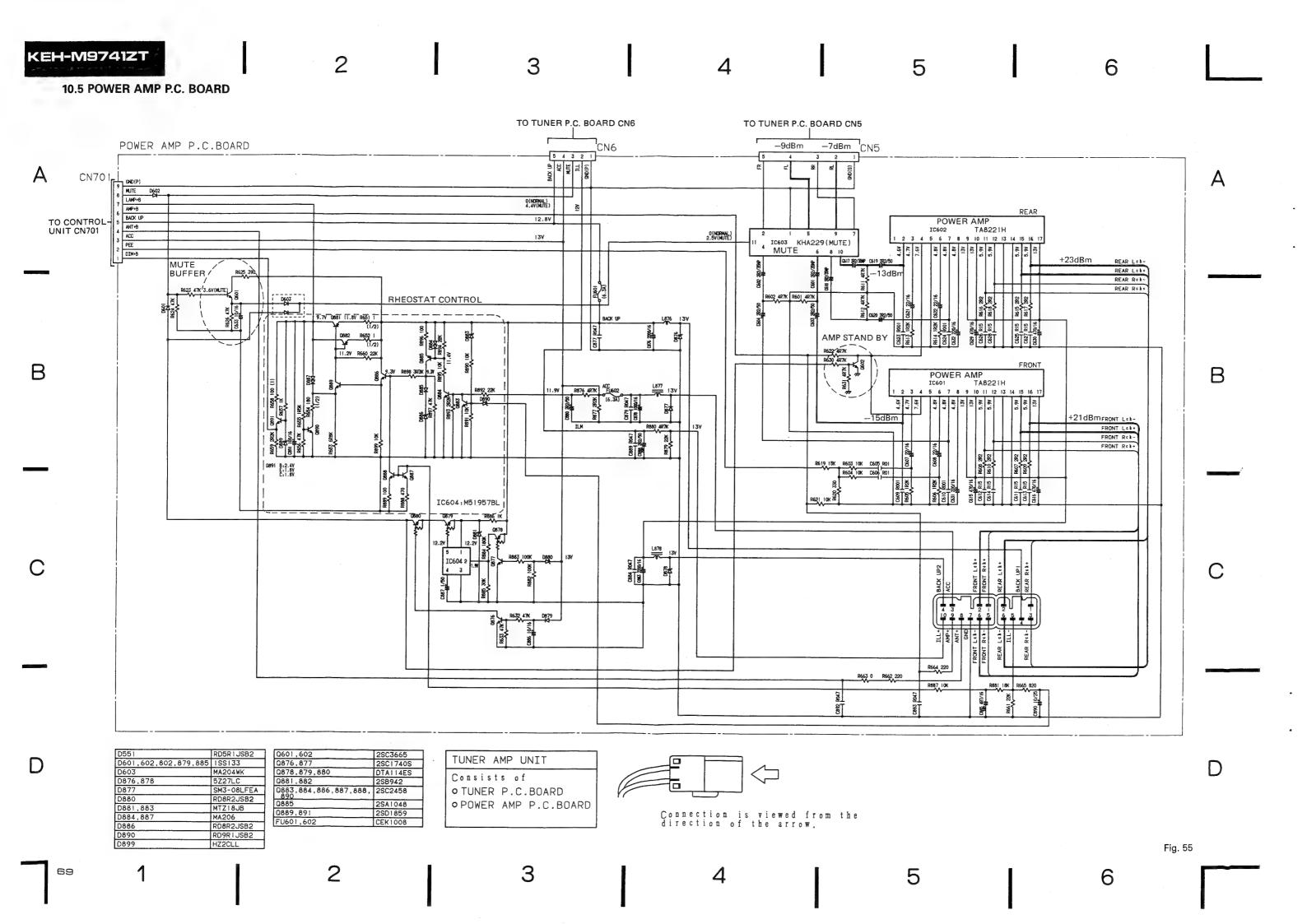












1 2 3 4 5 KEH-M9741ZT

В

D

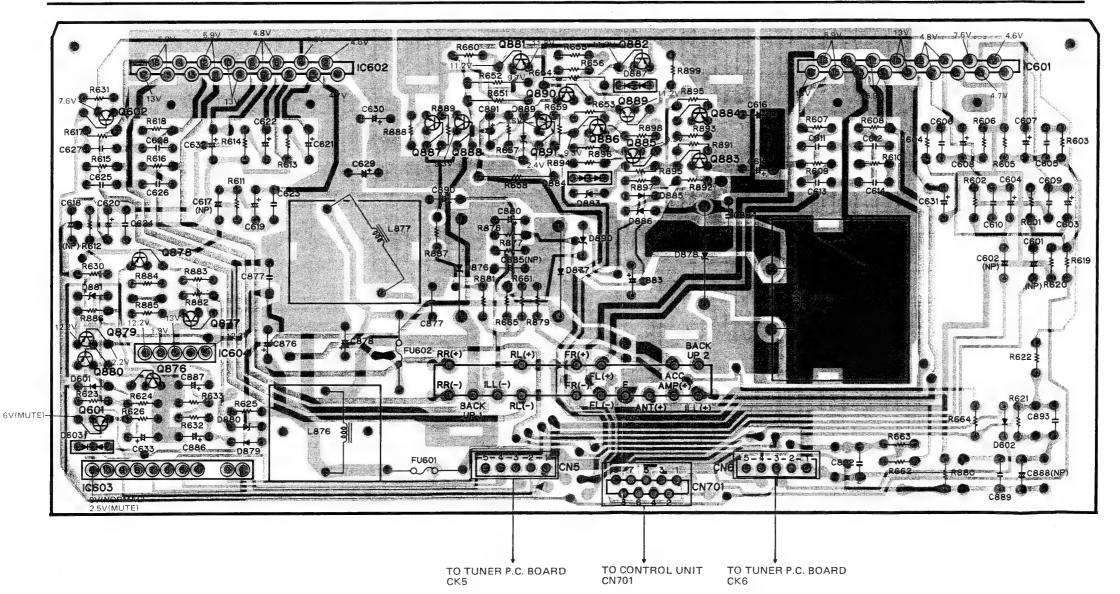
Fig. 56

A

Q879 Q878 Q880 Q876 IC603 IC. Q Q601 Q602 IC604 Q877 IC602 Q887 Q888 Q881 Q891 Q890 Q885 Q889 Q883 IC601

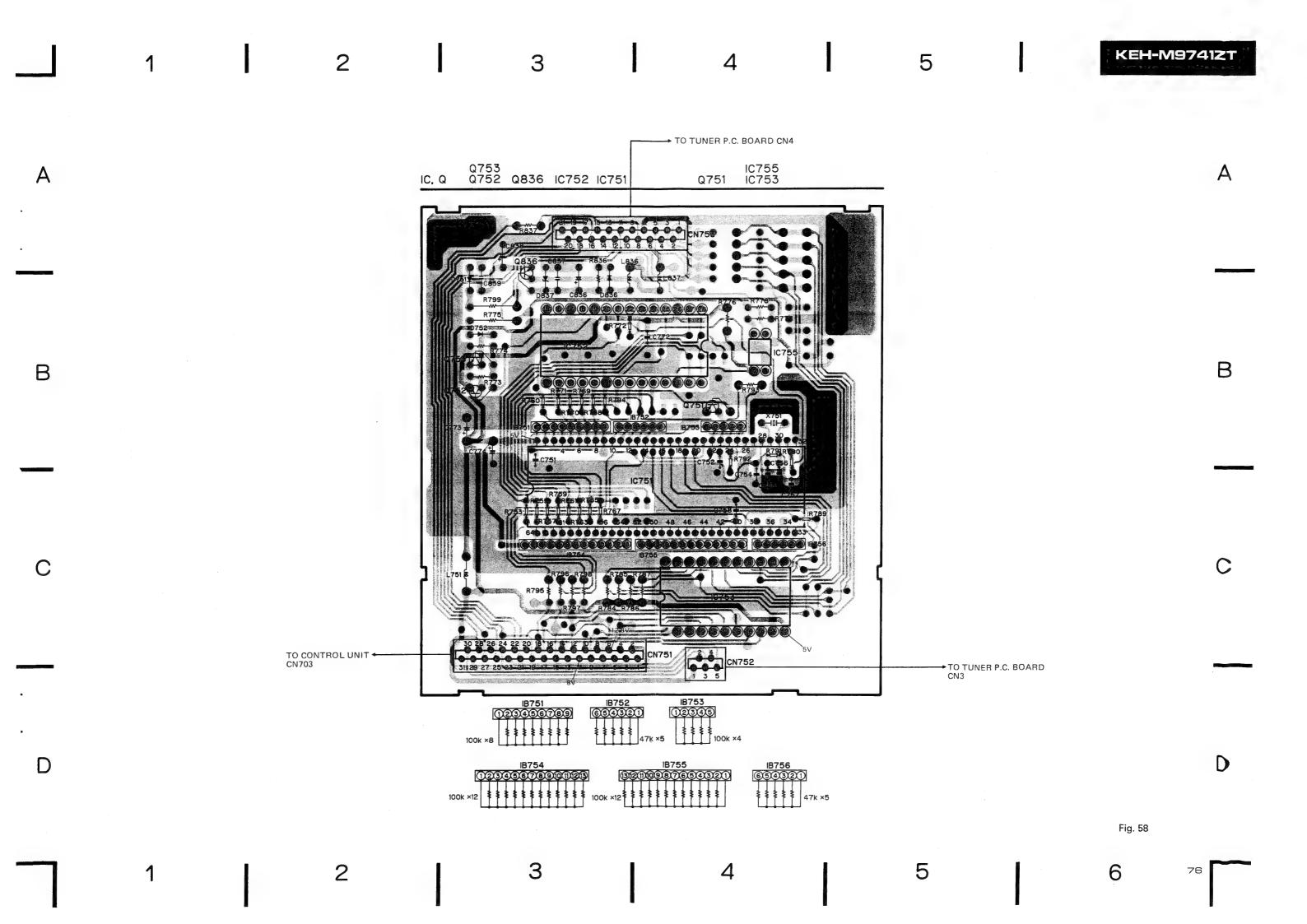
В

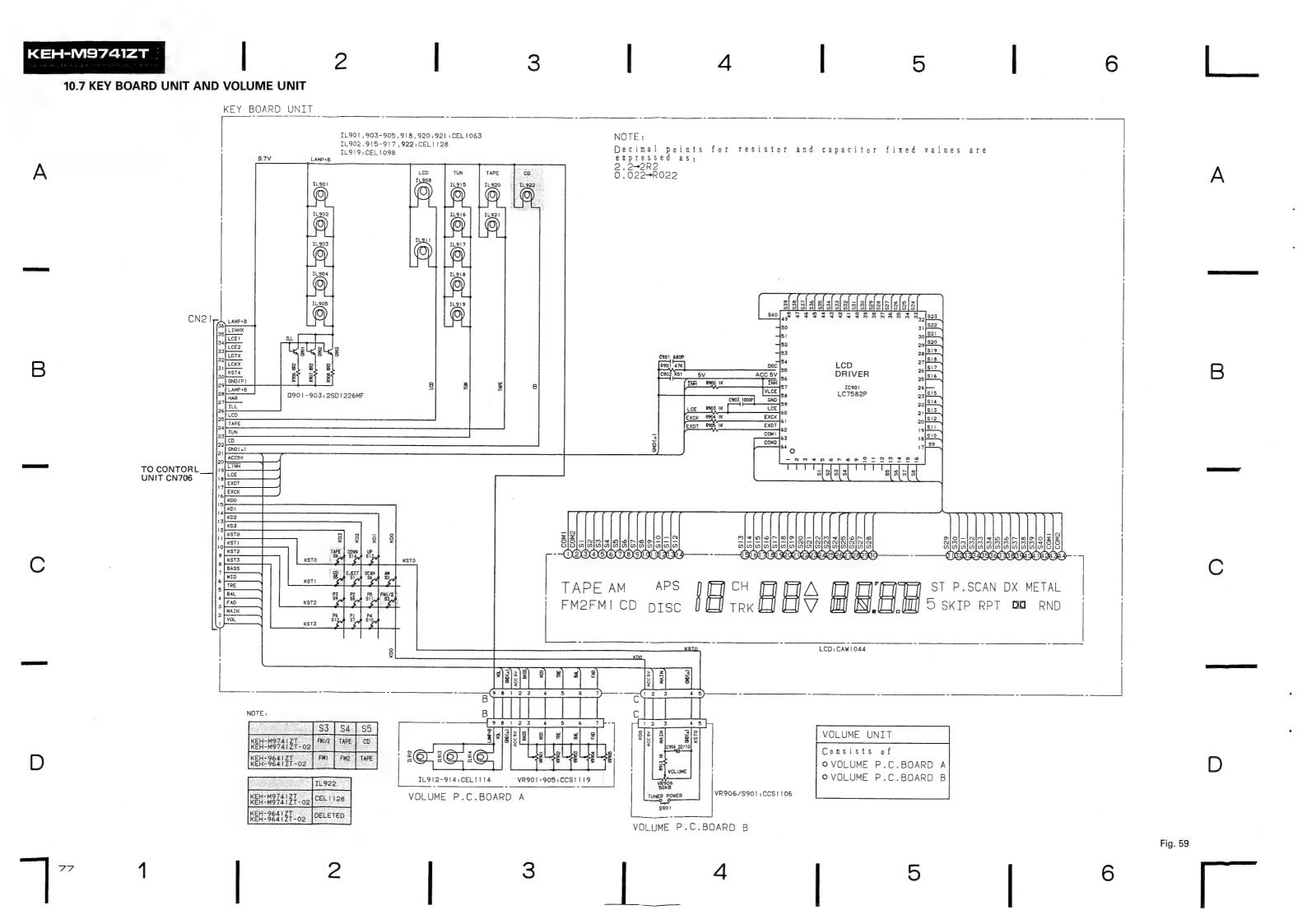
D

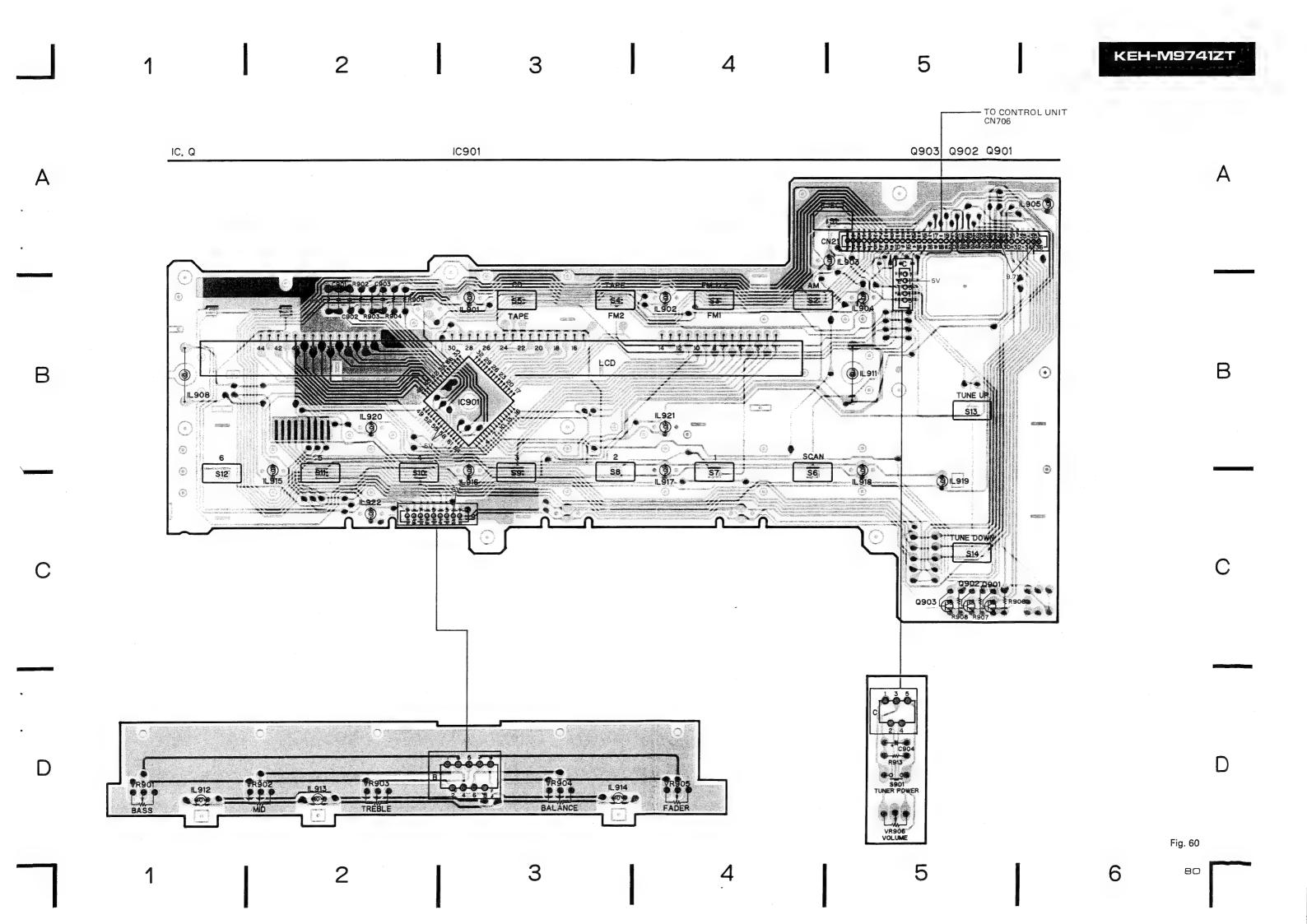


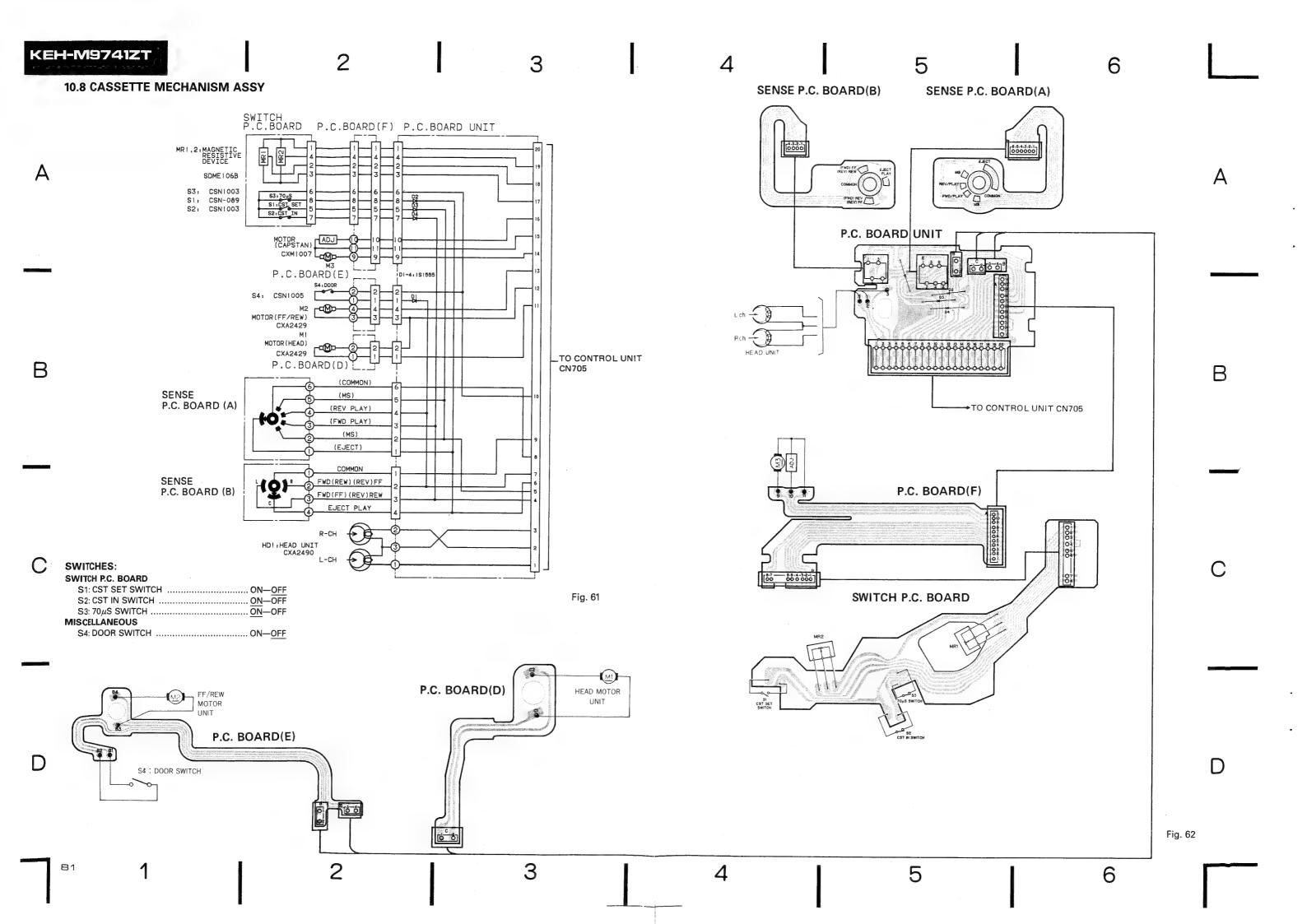
1 2 3 4 5 6 72

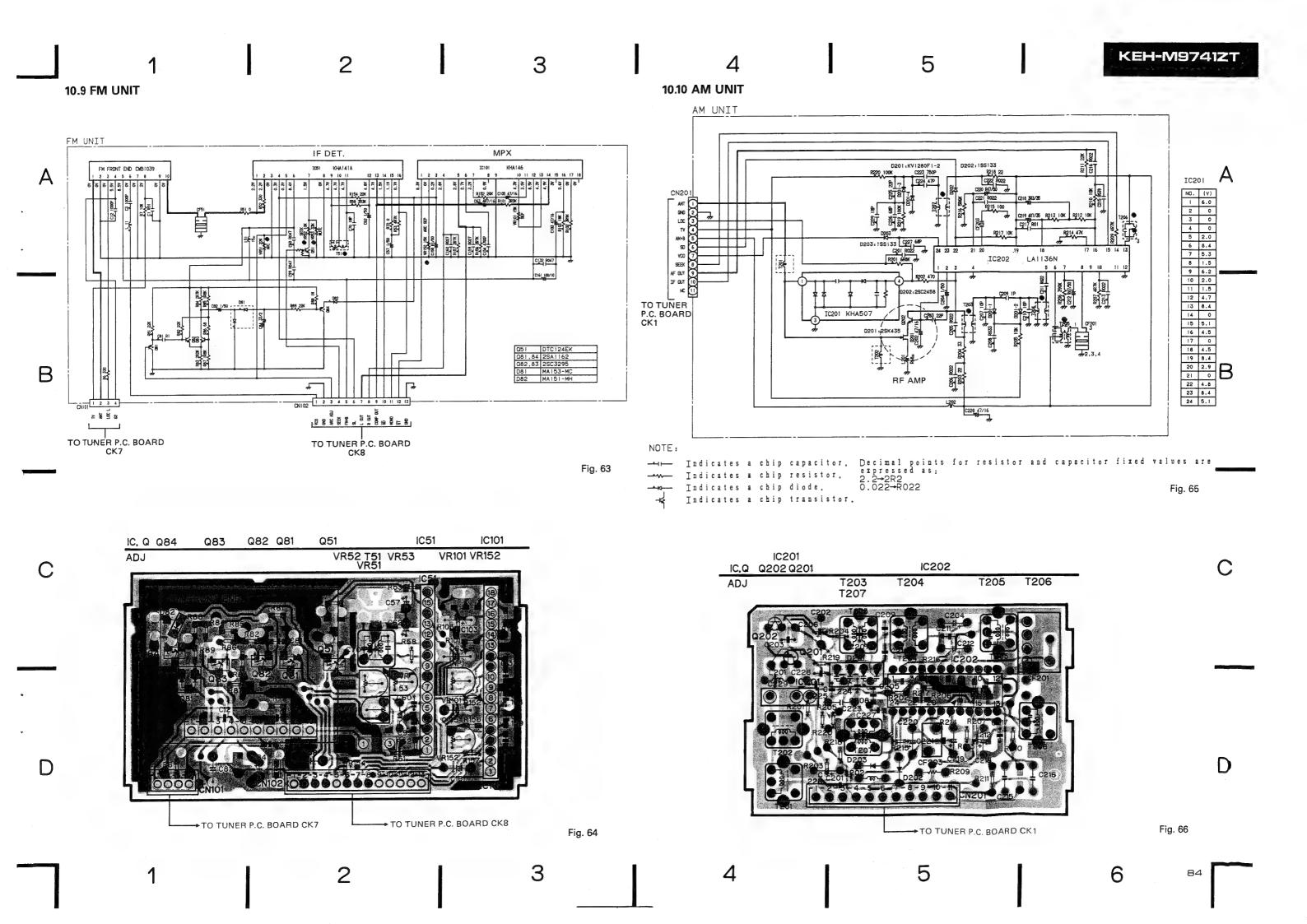
KEH-M9741ZT 3 4 5 10.6 COMMUNICATION UNIT (KEH-M9741ZT, KEH-M9741ZT-02) COMMUNICATION UNIT NOTE: ---- : Chip capacitor RX READY --- : Chip resistor : Chip diode : Chip transistor CN751 O LCE1 O LINHX
O LICKX
O LCE2
O BSI CN753-R798 470 B В CD COMMUNICATION 10761 PD5094 BSCK O ROS LK ILL R837 IK ILL RDS+B O TXM+ TO TUNER P.C. BOARD-CN4 _TO CONTROL UNIT CN703 R795 IK O ROS INH BUSY # # # # # # TX/RX 18756 47K×5 VDT LPF R794 1K AUDIO+B GND(S) BUS BUFFER IC753 CWV1002 TAPE L TAPE R DATA TX/RX IC752 MSM82C5 | A-2RS-H REGULATOR CN752 AUDIO+B TO TUNER
--P.C. BOARD TAPE R CN3 R776 2R2K IC755: ON3111 PHOTO COUPLER R786 1R2K DTC114ES R785 IR2K Q752 DTA114ES D 0753,836 2SD1859 D751,752 ERA15-02VH D836 188133 TX/RX D837 RD9R1JSB2 BSOX Fig. 57 2 3 4 5 6











KEH-M9741ZT

10.11 AM STEREO UNIT

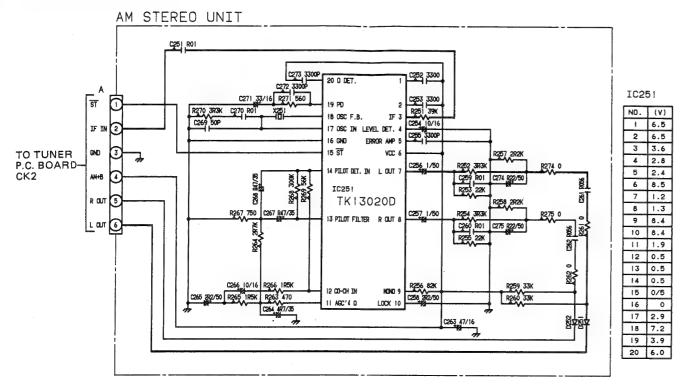


Fig. 67

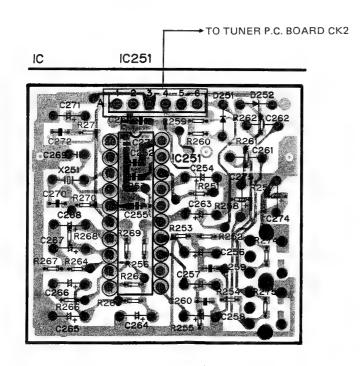


Fig. 68

11. CHASSIS EXPLODED VIEW (1)

• Parts List

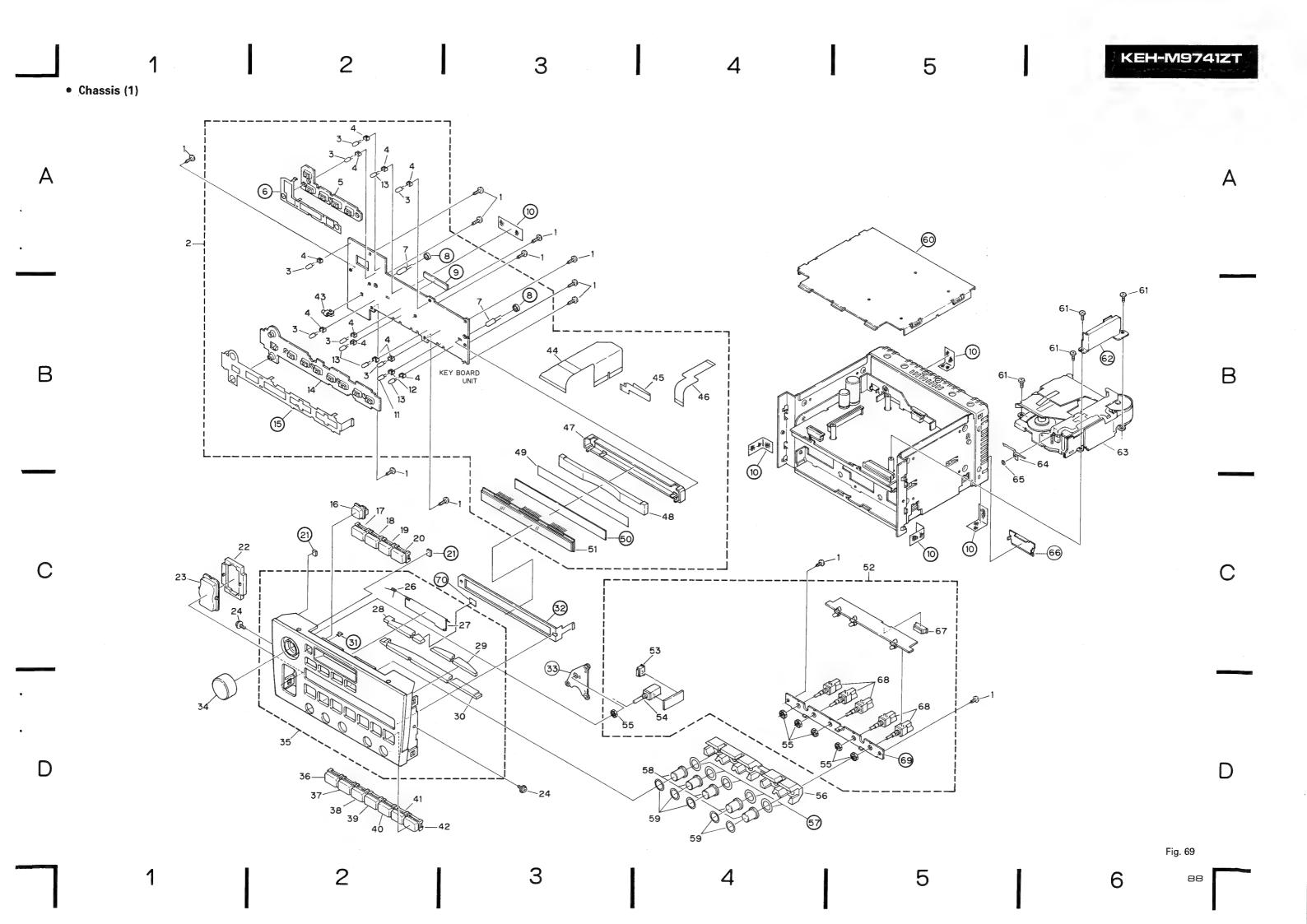
NOTE:

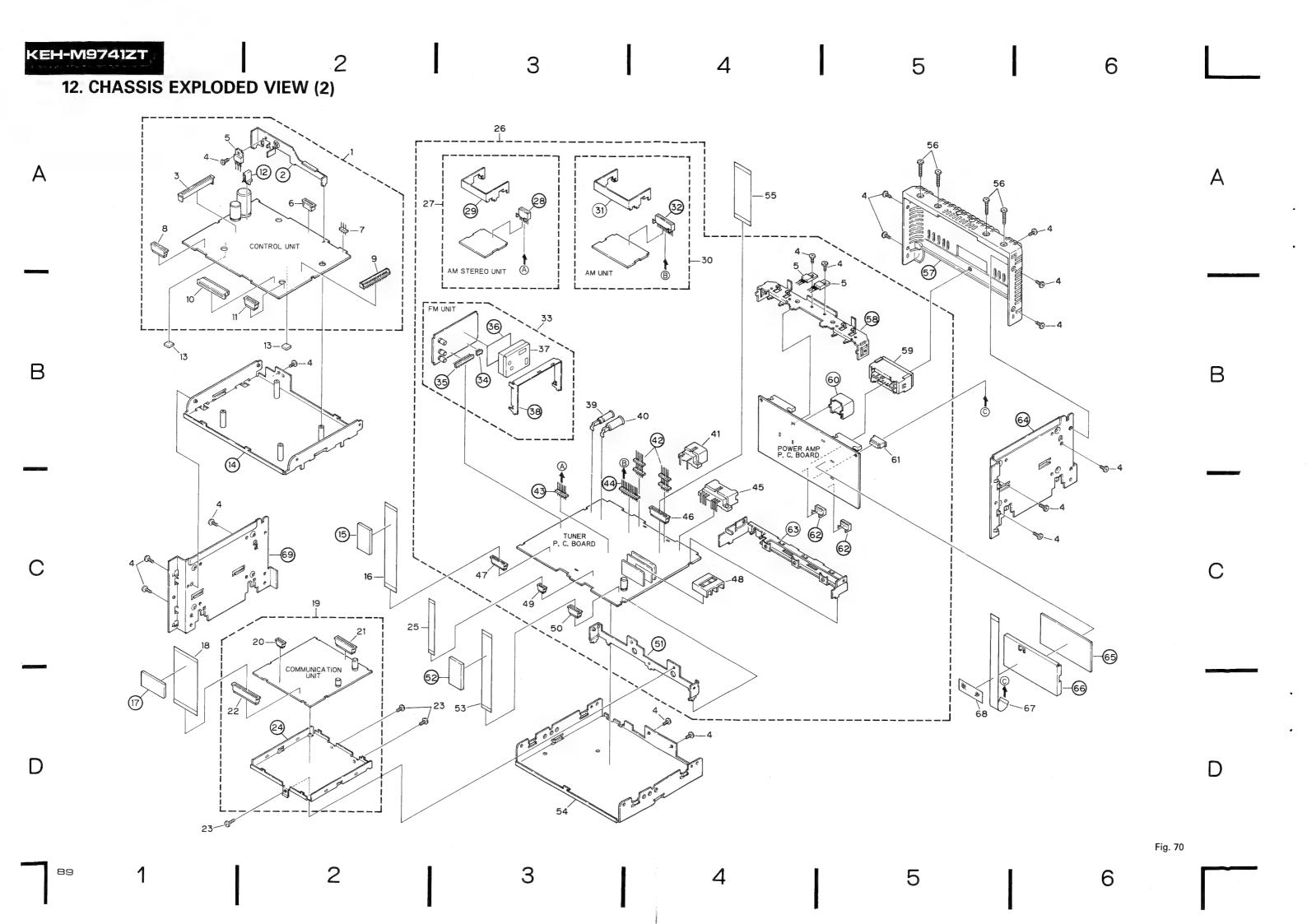
- For your parts Stock Control, the fast moving items are indicated with the marks ## and #.
 - # : GENERALLY MOVES FASTER THAN *.

This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.

- Parts whose parts numbers are omitted are subject to being not supplied.
- Parts marked by "" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.

ITK NO.		Description	Part No.			Description	Part No.
	1	Screw	BPZ26P080FMC			Lens	CNV1908
•	2	Key Board Unit (KEH-M9741ZT	CWM1586		30	Lens	CNV1795
		KEH-M9741ZT-02)			31	Conductor	
•		Key Board Unit (KEH-9641ZT	CWM1585		32	Conductor Unit	
		KEH-9641ZT-02)			33	Holder	
**	3	Lamp	CEL1063	*	3 4	Клов	CAA1193
	4	Holder	CHV1906		35	Grille Assy(KEH-M9741ZT)	CXA2949
		Rubber	CNV1888			Grille Assy (KEH-M9741ZT-02)	CXA2291
	6	Conductor				Grille Assy (KEH-9641ZT)	CXA2248
*			CEL1124			Grille Assy (KEH-9641ZT-02)	CXA2290
	8	Spacer			36	Button (SCAN)	CAC1565
		Spacer				Button (1)	CAC1566
		Sheet				Button (2)	CAC1567
			CEL1128			Button(3)	
· + 1	'	KEH-M9741ZT-02)	VLL1120			Button (4)	CAC1568 CAC1569
. 1	,	Holder (KEH-M9741ZT	CNV1906		∄ 1	Button (5)	CAC1570
	-	KEH-M9741ZT-02)				Button(6)	
	,	Lamp	AEI 1110			* *	CAC1571
		Rubber	CEL1128	**		Lamp	CEL1098
			CNV1887			P. C. Board	CNP1630
1	ð	Conductor			45	P. C. Board	CNP1632
			CAC1689			P. C. Board	CNP2180
		Button (AM)	CAC1572			Holder	CNV1587
* 1	8	Button (FM1/2) (KEH-M9741ZT	CAC1575		48	Lens	CNV1580
		KEH-M9741ZT-02)			49	Sheet	CNM2420
*		Button (FM1) (KEH-9641ZT KEH-9641ZT-02)	CAC1573		50	Plate	
					51	LCD	CAW1044
* 1	9	Button (TAPE) (KEH-M9741ZT	CAC1576	•		Volume Unit	CWM1874
	-	KEH-M9741ZT-02)		•		Connector	CKS1525
*		Button (FM2) (KEH-9841ZT	CAC1574	**		Volume	CCS1106
•		KEH-9641ZT-02)	0.01014	**		Nut	CBA-066
* 2	0	Button(CD) (KEH-M97412T	CAC1680		5.6	Lens	CNV 1584
		KEH-M9741ZT-02)				Sheet	01177007
*		Button (TAPE) (KEH-9641ZT	CAC1576			Knob	CAA1156
7		KEH-9641ZT-02)	CACISTE	•		Sheet	
2	1	Spacer				Cover	CNM2362
2	2	Holder	CNV1996		61	Screw	BMZ 2 6 P 0 5 0 FM
		Button (TUNE)	CAC1700			Holder	
		Screw	PMS30P050FMC	<u> </u>		Cassette Mechanism Assy	CXK1685
2			*****	•		Arm	CVKIDOS
		Spring	C8H1214			Washer	CBF-046
2	7	Boor (KEH-M9741ZT)	CAT1211		2.2	Cover (KEH-9641ZT KEH-9641ZT/0	2)
•		Door (KEH-M97412T-02)	CAT1210			Connector	-
		Door (KEH-96412T)	CAT1209			Volume	CKS1529
		Door (KEH-96412T-02)		**			CCS1119
2		Lens	CAT1165			Holder	
	0	F & II 9	CNV1581		7.0	Spacer	





• Parts List

Mark	No.	Description	Part No.	Mark		Description	Part No.
•		Control Unit (KEH-M9741ZT	CWM1571		29	Holder	
		KEH-M9741ZT-02)		•	3 0	AM Unit	CWA 1 0 2 1
(1)		Control Unit (KEH-9641ZT	CWM1570		3 1	Holder	
ŭ		KEH-96412T-02)			3 2	Connector	
	2	Holder		•	3 3	FM Unit	CWE 1 1 3 1
	,	Connector	CKS1389		3 4	Connector	
		VVIIII V V CV .	BMZ30P060FMC			Connector	
		00108	258942			Insulator	
**	-	11211010101	CKS1561			FM Front End	CWB1039
		VVIIIIVVIII	CKS-291			Holder	
	- 1	Plug	UK3-231		• • •	1101001	
	8	Connector	CKS1567		3 9	Antenna Jack	CKX1005
			CKS-659		40	Antenna Jack	CKX1006
			CKS1551		41	Connector	CKM1048
		KEH-M97412T-02)			42	Plug	
	11		CK\$1563		43	Plug	
	11	KEH-96417T-02)					
		REH DOTTE, VE			4.4	Plug	
	12	Holder			45	Connector (KEH-M9741ZT	CKM1025
		Cushion	CNM2374			KEH-M9741ZT-02)	
		Chassis Assy	VIIII 2 V V		46	Connector (KEH-M9741ZT	CKS1573
		Cushion				KEH-M97412T-02)	
	19	CUSHION				,	
	16	Connector	CDE1948		47	Connector	CKS1567
		Cushion (KEH-M9741ZT			4.8	B Holder	CNV2155
	11	KEH-M97412T-02)			49	Connector (KEH-M9741ZT	CKS1557
	1.0		CDE1950			KEH-M9741ZT-02)	
	10	KEH-M97412T-02)	0021300		5 (Connector (KEH-9641ZT	CKS1567
		KLII MOTTIET VEY				KEH-9641ZT-02)	
(1)	19	Communication Unit (KEH-M9741ZT	CWM1566				
		KEH-M9741ZT-02)			5	1 Holder	
	2 0	Connector (KEH-M9741ZT	CKS1557		5	2 Cushion (KEH-9641ZT	
		KEH-M9741ZT-02)				KEH-9641ZT-02)	
	2 1	Connector (KEH-M9741ZT	CKS1573		5	3 Connector (KEH-9641ZT	CDE1949
		KEH-M9741ZT-02)				KEH-9641ZT-02)	
		Cannactor (VEU_N07417T	CKS1583		5	4 Chassis	
	2.7	. Outilious to the motor trois	VV01900		_	5 Connector (KEH-M9741ZT	CDE2193
		KEH-M9741ZT-02)	BMZ30P060FMC			KEH-M9741ZT-02)	
	2 3	3 Screw (KEH-M9741ZT	DWTANIAAALWA			6 Screw	BMZ30P120FMC
		KEH-M9741ZT-02)				7 Heat Sink	
		/VEN_NO7417T			•		
	2	4 Case (KEH-M97412T			5	8 Holder	
		KEH-M97412T-02)	CDE2194			9 Connector	CKM1047
	2 !	5 Connector (KEH-M9741ZT	CUEZISA			O Shield Case	• ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
_		KEH-M9741ZT-02)	04441022			1 Connector	CKS1561
•	21	6 Tuner Amp Unit (KEH-M97412T)	CWM1832			2 Connector	
(1)		Tuner Amp Unit (KEH-M97412T-02)	CWM1558				
0		Tuner Amp Unit (KEH-9641ZT)	CWM1831		6	3 Holder	
		Tuner Amp Unit (KEH-9741ZT-02)	CWM1557		6	4 Side Panel	
0		7 AM Stereo Unit	CWA 1 0 2 5		6	5 Cushion	
•	-	8 Connector			6	6 Holder	
					6	7 Connector	CDE1952
					_	0.01	
						8 Sheet	
					6	9 Side Plate	



13. CASSETTE MECHANISM ASSY EXPLODED VIEW

• Parts List

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	1	Screw (M1. 4 × 1. 4)	HBA-147		46	Screw	PMS26P025FMC
	2	Screw	BMZ20P040FMC		47	Spring	CBH-830
	3	Bush	CLB-663		48	Screw (M2 × 2.5)	HBA-175
	4	Spring	CBE-119		49	Spacer	
	5	Spring	CBH-867		50	Spring	CBL1050
	6	Spring	CBH-837		51	Washer	CBF1025
	7	Arm	CNC2373		52	Washer	CBF-125
	8	Holder Unit	CXA2821		53	Spring	CBH-893
	9	Gear Unit	CXA2088		54	Collar	CLA1110
	10	Washer	CBF1026		55	Screw	BMZ20P025FMC
	11	Gear	CNY-271		56	Gear	CNV1616
	12	Washer	CBF-126		57	Collar	CLA1238
	13	Spring	CBH-835		58	Flywheel	CNV1572
	14	E Type Washer	CBG1003	**	59	Belt	CNT-111
	15	Spring	CBH1277		60	Insulator	
**	16	Pinch Roller Unit	CXA2608		61	Insulator	
	17	Spring	CBH1197		62	Cover	
	18	E Type Washer	YE25FUC		63	Screw	BMZ20P030FMC
	19	Arm	CNV1254		64	Screw (M1. 7 × 5. 5)	C8A-172
	20	Washer	CBF1022		6 5	Holder	
	21	Collar	C NW-932		66	Screw (M2 × 25)	CBA-165
	22	Spring	CBH-827		67	Guide	
**	23	Reel Unit	CXA2089		68	Spacer	
	24	Spring	CBH-868		69	Switch	CSN1005
	25	Bracket Unit	CXA1481	**	70	Motor Unit	CXA2429
		- /- ·	0.000			(FF/REW. Head Posit	i o)
	26	F/R Gear	CNW-944		7.4	0	1104 174
	27	Screw	CBA1106		71	Screw	HBA-174
**	28	Switch (70 µ S, CST IN)			72	Bracket Unit	CXA2609
	29	Screw (M1. 7 × 5. 5)	CBA1025		73	Pinch Roller Unit	
	3 0	P. C. Board			74	Screw (M2 × 2. 5)	C8A1037
	31	Switch (CST SET)	CSN-089		75	Pulley	CNV1255
**	3 2	Screw (M1. 7 × 3)	CBA-186	**	76	Belt	CNT1010
	33	Magnetic Resistive		**	77	perc	****
	33	Device	SDMLIOOD		78		
	3 4	Washer	CBF-046		79	Pulley	CNV1256
	35	Spring	CBH-887		80	Screw (M2 × 5)	CBA1054
	3 6	Spring	CBH-886		81	Bracket Unit	
	37	Gear	CNV1075		82	Cover	
	38	Screw (M2 × 5)	CBA1054		83	Screw (M1. 4 × 8)	CBA1055
	39	Arm Unit	CXD-389		84	Spring	CBE-114
	40	Arm	4		85	Azimuth Rubber	CNY-134
	41	Washer	HBF-179	**	86	Head Unit	CXA2490
	42	Lever	CNV1257	**	87	Spring	CBH-829
	43	Spring	CBH1196		88	Gear	CNW-939
**	44	Motor (Capstan)	CXM1007		89	E Type Washer	YE12FUC
* *	45	Chassis Unit			90	Gear	CNV1262

14. ELECTRICAL PARTS LIST

NOTE:

- For your parts Stock Control, the fast moving items are indicated with the marks ‡‡ and ‡.
 - ## : GENERALLY MOVES FASTER THAN *.

This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

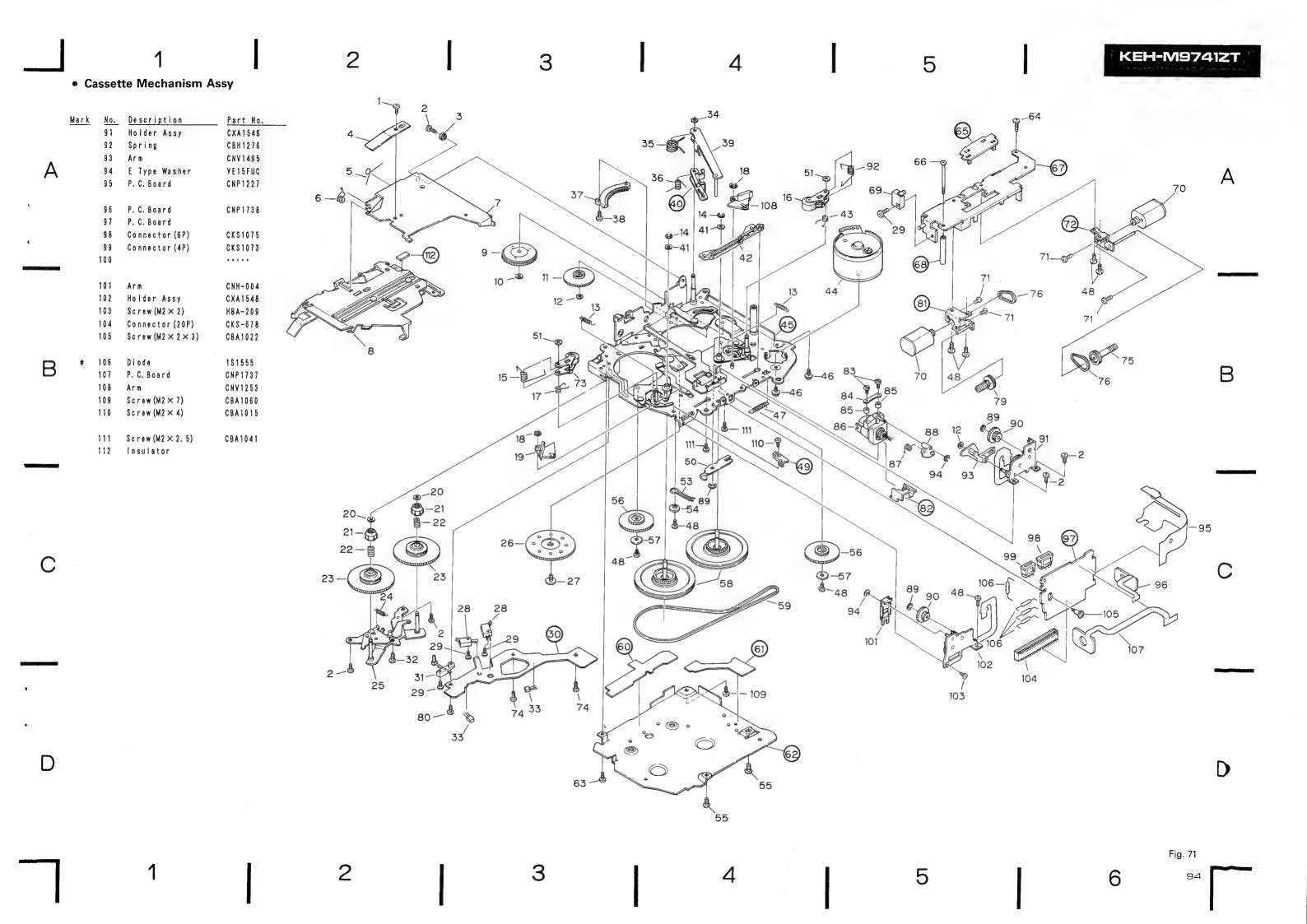
RS1/8S \B\B\J, RS1/10S \B\B\J Chip Capacitor (except for CQS.....) CKS....., CCS....., CSZS.....

Unit	N a	ame: AM Unit			Mark ====== Circuit Symbol & No. ==== Part Name	Part No.
MISCE	LL	ANEOUS				
					C 201 205 206 211 213 221 222	CKSQYB223K25 CEA470M16LS
Mark	==:	====== Circuit S	ymbol & No. ==== Part Name	Part No.	C 202 228 C 203 225	CCSQCH220J50
				KHA507A	C 204	CEA010M50LS2
		2 0 1 2 0 2		LA1136N	C 207 210	CCSQCH100D50
		202		2 S K 4 3 5		
	-	202		2502458	C 208	CKSQYB333K25
	-	201	Variable Capacitance Diode			CCSQCH010C50
•	U	201	Va., 142.0 Cap 25.12.000		C 212 220	CEAR47M50LS2
*	п	202 203		188133	C 215	COMA393J50
		201		LAUR68M	C 216	CQMA223J50
		202		LAU680K		
		201	Coil	CTB1051	C 217	CKSQYB103K50
		202	Coil	CTB-171	C 218	CEA3R3M50LS
					C 219	CEA4R7M35LS
	T	203	Coil	CTB1044	C 223	CQPA751G2A
	ī	2 0 4	Coil	CTB1026	C 224	CCSQCH470J50
	T	205	Coil	CTE1030		
	Ť	206	Coil	CTE1033	C 226	CCSOCH680J50
	T	207	Coil	CTB1043	C 227	CCSOCH680J50
					C 229	CCSQCH180J50
	CF	201		CTF1074		
	CF	203	Ceramic Resonator	CTF1039	Unit Number:	
					Unit Name : AM Stereo Unit	
RESIS	STO	RS				
					MISCELLANEOUS	
			Symbol & No. ==== Part Name		Mark ====== Circuit Symbol & No. ==== Part Name	Part No.
		201		RS1/10S682J		
		202			** IC 251	TK13020D
		203 218			* D 251 252	188133
		204		RS1/10S330J	X 251 Ceramic Resonator	CSS-041
		205 210 212 213 2	217	R\$1/10\$103J		
	••				RESISTORS	
	R	206		RS1/10S394J		
		207		R\$1/10\$472J	Mark ====== Circuit Symbol & No. ==== Part Name	Part No.
		209		RD1/4PS472JL		
	R	211		RS1/10S223J	R 251	RS1/105393J
	Ř	214		RS1/10S473J	R 252 254 265 266	RS1/10S152J
					R 253 255	R\$1/10\$223J
	R	215		R\$1/10\$101J	R 256	RS1/10S823J
	R	216		RS1/10S562J	R 257 258	RS1/10S222J
	R	219 220		R\$1/10\$104J		
					R 259 260 272 273	R\$1/10\$333J
					R 261 262 274 275	RS1/10S0R0J
					R 263	R\$1/10\$471J
					R 264	RS1/10S272J
					R 267	RS1/108751J

	E======	Circuit	Symbol & No. ==== Part Name	Part No.	Mark ====== Circuit Symbol & No. ==== Part Name	Part No.
	R 268			RS1/10S304J	R 88	R\$1/10\$105J
	R 269			RS1/10S563J	R 101	R\$1/10\$332J
	R 270			RS1/10S332J	R 102	RS1/10S392J
	R 271			R\$1/10\$561J	R 103	RS1/10S183J
					R 152	RS1/10S203J
CAPA	CITORS				R 154	RS1/10S223J
			Symbol & No. ==== Part Name		R 156 157	RS1/10S272J
	C 251 259 C 252 253	9 260 270		CKSQYB103K50 CKSQYB332K50	CAPACITORS	
	C 254 26			CEA100M16LS2	Mark ====== Circuit Symbol & No. ==== Part Name	Part No.
	C 256 25			CEA010M50LS2		
	C 258 26	5		CEA2R2M50LS2	C 1 C 3 12	CKSQYB103K50 CKSQYB102K50
				00114563150	C 57 62	CEA010M50LS
	C 261 263	Z		CQMA563J50 CEA470M16LS	C 60 99 132	CKSQYF473Z50
	C 264			CEA4R7M35LS	C 63	CEA4R7M16NPLL
	C 267 26	R		CSZAR47M35	• ••	
	C 269	•		CCG-106	C 70	CCSQCH180J50
	• •••				C 81	CKSYB104K25
	C 271			CEA330M16LS	C 82	CEA010M50LS2
	C 274 27	5		CEAR15M50LS2	C 84 33 µ F/2V	CCH1055
					C 103 105	CEA470M16LS
	Number : Name :	FW IIni+			C 154	CKSQYB472K50
) II 1 C	(40M& 4	1 m 0111(C 158	CEAOR1M50LS2
USC	ELLANEOUS				C 159 160	CKSQYB273K50
	ELENNEOVO				C 161	CEATOIMIOLS
Aark		Circuit	Symbol & No. ==== Part Name	Part No.		
	IC 51			KHA141A	Unit Name : Communication Unit(KEH-M9741ZT KEH-M9	74127-02)
	1C 101 Q 51		Chip Transistor	KHA148 DTC124EK	MISCELLANEOUS	
			Cuth Hanalacoi			
	0 81 8	á	-			
**	Q 81 8 Q 82 8		Chip Transistor Chip Transistor	2 \$ A 1 1 6 2 2 \$ C 3 2 9 5	Mark ====== Circuit Symbol & No. ==== Part Hame	
	Q 82 8		Chip Transistor Chip Transistor	2 S A 1 1 6 2 2 S C 3 2 9 5		
*	Q 82 83 D 81		Chip Transistor Chip Transistor Chip Diode	2 S A 1 1 6 2 2 S C 3 2 9 5 MA 1 5 3 - MC	** IC 751	PD5094
*	Q 82 8 D 81 D 82		Chip Transistor Chip Transistor Chip Diode Chip Diode	2 S A 1162 2 S C 3 2 9 5 MA 153 - MC MA 151 K - MH	** IC 751 ** IC 752	PD5094
*	Q 82 83 D 81 D 82 L 11		Chip Transistor Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor	2 S A 1 1 6 2 2 S C 3 2 9 5 MA 1 5 3 - MC MA 1 5 1 K - MH C T F 1 0 8 6	** IC 751 ** IC 752 ** IC 753	PD5094 MSM82C51A-2RS-
*	Q 82 8 D 81 D 82		Chip Transistor Chip Transistor Chip Diode Chip Diode	2 S A 1162 2 S C 3 2 9 5 MA 153 - MC MA 151 K - MH	** IC 751 ** IC 752	PD5094 MSM82C51A-2RS- CWV1002
*	Q 82 8 D 81 D 82 L 11 L 51 T 51		Chip Transistor Chip Transistor Chip Diode Chip Diode Chip Inductor Inductor Coil	2 S A 1 1 6 2 2 S C 3 2 9 5 MA 1 5 3 - MC MA 1 5 1 K - MH C T F 1 0 8 6 L A U 1 5 0 K C T C 1 0 2 9	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751	PD5094 MSM82C51A-2RS- CWV1002 ON3111
* *	Q 82 8. D 81 D 82 L 11 L 51 T 51 CF 51		Chip Transistor Chip Transistor Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter	2 S A 1 1 6 2 2 S C 3 2 9 5 MA 1 5 3 - MC MA 1 5 1 K - MH C T F 1 0 8 6 L A U 1 5 0 K C T C 1 0 2 9 C T F - 1 8 2	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES
* *	Q 82 8 D 81 D 82 L 11 L 51 T 51 CF 51 VR 51		Chip Transistor Chip Transistor Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (8)	2 S A 1 1 6 2 2 S C 3 2 9 5 MA 1 5 3 - MC MA 1 5 1 K - MH C T F 1 0 8 6 L A U 1 5 0 K C T C 1 0 2 9 C T F - 1 8 2 V R T B 4 V S 2 2 3	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES
* * * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 CF 51 VR 51		Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (8) Semi-fixed 10kΩ (8)	2 S A 1 1 6 2 2 S C 3 2 9 5 MA 1 5 3 - MC MA 1 5 1 K - MH C T F 1 0 8 6 L A U 1 5 0 K C T C 1 0 2 9 C T F - 1 8 2 V R T B 4 V S 2 2 3 V R T B 4 V S 1 0 3	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859
* * * * * * * * * * * * * * * * * * * *	D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53	3	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 33kΩ (B)	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS333	** 1C 751 ** 1C 752 ** 1C 753 ** 1C 755 ** Q 751 ** Q 752 ** Q 752 ** Q 753 836 * D 751 752	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH
* * * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 CF 51 VR 51	3	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (8) Semi-fixed 10kΩ (8)	2 S A 1 1 6 2 2 S C 3 2 9 5 MA 1 5 3 - MC MA 1 5 1 K - MH C T F 1 0 8 6 L A U 1 5 0 K C T C 1 0 2 9 C T F - 1 8 2 V R T B 4 V S 2 2 3 V R T B 4 V S 1 0 3	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836 * D 751 752 * D 836	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133
* * * * * * * * * * * * * * * * * * * *	D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53	3	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 33kΩ (B)	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS333	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836 * D 751 752 * D 836 * D 837	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1
* * * * * * * * * * * * * * * * * * * *	D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53	3	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (8) Semi-fixed 10kΩ (8) Semi-fixed 15kΩ (8)	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS153	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836 * D 751 752 * D 836 * D 837 L 751 Ferri-Inductor	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157
* * * * * * * * * * * * * * * * * * * *	D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53	3	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (8) Semi-fixed 10kΩ (8) Semi-fixed 15kΩ (8)	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS153	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836 * D 751 752 * D 836 * D 837 L 751 L 836 837 Coil	PD5094 MSM82C51A-2RS- CWY1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157 CTF1070
* * * * * *	D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53	3	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (8) Semi-fixed 10kΩ (8) Semi-fixed 15kΩ (8)	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS153	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836 * D 751 752 * D 836 * D 837 L 751	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157 CTF1070 CWW1271
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 CF 51 VR 51 VR 52 VR 53 VR 101 15	2	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (8) Semi-fixed 10kΩ (8) Semi-fixed 15kΩ (8)	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 ** Q 751 ** D 836 * D 837 L 751 L 836 837 Coil IB 751 iB 752 756	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 R09R1JSB1 CTF-157 CTF1070 CWW1271 CWW1240 CWW1230
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 CF 51 VR 51 VR 52 VR 53 VR 101 15	2 Circuit	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 10kΩ (B) Semi-fixed 33kΩ (B) Semi-fixed 15kΩ (B)	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS153 CWB1039	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 751 ** Q 752 ** Q 751 ** D 836 * D 837 L 751 L 836 837 Coil IB 751 IB 752 756 *1B 753	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157 CTF1070 CWW1271 CWW1240
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53 VR 101 15	2 Circuit	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 10kΩ (B) Semi-fixed 33kΩ (B) Semi-fixed 15kΩ (B) FM Front End Symbol & No. ==== Part Name	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS153 CWB1039	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836 * D 751 752 * D 836 * D 837 L 751 Ferri-Inductor L 836 837 Coil IB 751 IB 752 756 *IB 753	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RO9R1JSB1 CTF-157 CTF1070 CWW1271 CWW1240 CWW1230 CWW1241
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53 VR 101 15	Circuit	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 10kΩ (B) Semi-fixed 33kΩ (B) Semi-fixed 15kΩ (B) FM Front End Symbol & No. ==== Part Name	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS153 CWB1039	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836 * D 751 752 * D 836 * D 837 L 751 Ferri-Inductor L 836 837 Coil IB 751 IB 752 756 *IB 753	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RO9R1JSB1 CTF-157 CTF1070 CWW1271 CWW1240 CWW1230 CWW1241
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 CF 51 VR 51 VR 52 VR 53 VR 101 15	Circuit	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 10kΩ (B) Semi-fixed 33kΩ (B) Semi-fixed 15kΩ (B) FM Front End Symbol & No. ==== Part Name	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS153 CWB1039	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836 * D 751 752 * D 836 * D 837 L 751	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157 CTF1070 CWW1271 CWW1240 CWW1230 CWW1241 CSS1051
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53 VR 101 15	Circuit	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 10kΩ (B) Semi-fixed 33kΩ (B) Semi-fixed 15kΩ (B) FM Front End Symbol & No. ==== Part Name	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS153 CWB1039	## IC 751 ## IC 752 ## IC 753 ## IC 753 ## IC 755 ## Q 751 ## Q 752 ## Q 753 836 # D 751 752 # D 836 # D 837 L 751 Ferri-Inductor L 836 837 Coil IB 751 IB 751 IB 752 756 '1B 753 IB 754 755 X 751 Ceramic Resonator RESISTORS Mark ======== Circuit Symbol & No. ==== Part Name	PD5094 MSM82C51A-2RS- CWY1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157 CTF1070 CWW1271 CWW1240 CWW1230 CWW1241 CSS1051
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53 VR 101 15 STORS	2 Circuit	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 10kΩ (B) Semi-fixed 33kΩ (B) Semi-fixed 15kΩ (B) FM Front End Symbol & No. ==== Part Name	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS103 CWB1039 Part No. 	** IC 751 ** IC 752 ** IC 753 ** IC 755 ** Q 751 ** Q 752 ** Q 753 836 * D 751 752 * D 836 * D 837 L 751	PD5094 MSM82C51A-2RS- CWY1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157 CTF1070 CWW1271 CWW1271 CWW1271 CWW1230 CWW1241 CSS1051
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53 VR 101 15 STORS	2 Circuit	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 10kΩ (B) Semi-fixed 33kΩ (B) Semi-fixed 15kΩ (B) FM Front End Symbol & No. ==== Part Name	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS153 CWB1039 Part No. 	## IC 751 ## IC 752 ## IC 753 ## IC 753 ## IC 755 ## Q 751 ## Q 752 ## Q 753 836 # D 751 752 # D 836 # D 837 L 751 Ferri-Inductor L 836 837 Coil IB 751 IB 751 IB 752 756 '1B 753 IB 754 755 X 751 Ceramic Resonator RESISTORS Mark ======== Circuit Symbol & No. ==== Part Name	PD5094 MSM82C51A-2RS- CWY1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157 CTF1070 CWW1271 CWW1271 CWW1271 CWW1280 CWW1280 CWW1280
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 CF 51 VR 51 VR 52 VR 53 VR 101 15 STORS	2 Circuit	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 10kΩ (B) Semi-fixed 33kΩ (B) Semi-fixed 15kΩ (B) FM Front End Symbol & No. ==== Part Name	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS103 CWB1039 Part No. 	## IC 751 ## IC 752 ## IC 753 ## IC 753 ## IC 755 ## Q 751 ## Q 752 ## Q 753 836 # D 751 752 # D 836 # D 837 L 751 Ferri-Inductor L 836 837 Coil IB 751 IB 751 IB 752 756 '1B 753 IB 754 755 X 751 Ceramic Resonator RESISTORS Mark ======== Circuit Symbol & No. ==== Part Name	PD5094 MSM82C51A-2RS- CWY1002 OM3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157 CTF1070 CWW1271 CWW1240 CWW1230 CWW1241 CSS1051 Part No.
* * * * * * * * * * * * * * * * * * *	Q 82 8 D 81 D 82 L 11 L 51 T 51 VR 51 VR 52 VR 53 VR 101 15 STORS	2 Circuit	Chip Transistor Chip Diode Chip Diode Chip Diode Chip Inductor Inductor Coil Ceramic Filter Semi-fixed 22kΩ (B) Semi-fixed 10kΩ (B) Semi-fixed 33kΩ (B) Semi-fixed 15kΩ (B) FM Front End Symbol & No. ==== Part Name	2SA1162 2SC3295 MA153-MC MA151K-MH CTF1086 LAU150K CTC1029 CTF-182 VRTB4VS223 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS103 VRTB4VS153 CWB1039 Part No. 	## IC 751 ## IC 752 ## IC 753 ## IC 755 ## Q 751 ## Q 752 ## Q 753 836 # D 751 752 ## D 836 # D 837 L 751 Ferri-Inductor L 836 837 Coil IB 751 IB 752 756 'IB 753 IB 754 755 X 751 Ceramic Resonator RESISTORS Mark ========= Circuit Symbol & No. ==== Part Name R 753 755 757 759 761 763 765 767 768 769 R 760 770 771 794	PD5094 MSM82C51A-2RS- CWV1002 ON3111 DTC114ES DTA114ES 2SD1859 ERA15-02VH 1SS133 RD9R1JSB1 CTF-157 CTF1070 CWW1271 CWW1240 CWW1230 CWW1241 CSS1051 Part No.

95

96



Mark ======= Circuit Symbol & No. ==== Part Name	Part No.	Mail Transfer City City City Columbation Columbation	Part No.
R 775 799	RD1/2PS121JL	* D 811	RD6R2JSB1
R 776	RD1/4PS222JL	* D 812	ERA15-02VH
R 777	RD1/4P\$331JL	* D 813	H76LB1 RD5R6JSB2
R 778	RD1/4PS562JL	* D 814	RD5R1JSB1
R 784	RD1/4P\$682JL	* D 853	ND JN 13351
R 785 786 787	RD1/4PS122JL	L 701 Ferri-Inductor 1 702 Ferri-Inductor	CTF-157 LAU150K
R 790	RS1/10S471J	[102	CWW1048
R 791	RS1/10S105J	IB 701 IB 702 703	CWW1230
R 793	RD1/4PS473JL RD1/4PS102JL	1B 704	CWW1231
R 795 796 837	RD1/4PS471JL		
R 797 798 836		IB 705 706 709 710	CWW1233
CAPACITORS		1B 707	CWW1153
		18 708	CWW1126 CWW1232
Mark ====== Circuit Symbol & No. ==== Part Name	Part No.	IB 851 x 701 Crystal Resonator	CSS1029
		Comit Aired A70 O (B)	VRTB6VS471
C 751 772	CKSYB473K50 CKSQYB102K50	** ** ** 301 302	
C 752 754 758	CCSQCH101J50	RESISTORS	
C 755 756 C 757	CCSQCH330J50		
C 773	CEA101M10LS	Mark ======= Circuit Symbol & No. ==== Part Name	Part No.
C 774	CASAO 10M16	70. 70. 70. 70. 70. 70. 70. 70. 0.0. 0.	RD1/4PS473JL
C 836	CEA470M16LS	R 503 813 818 822 833 869	RD1/4PS103JL
C 837 839	CKPYY103M16L		RS1/10S103J
C 838	CEA221M10L2	R 505 R 506 705 708 709 710 711 713 714 715 742	RD1/4PS101JL RD1/4PS102JL
U-ia Number :		K 200 (02 (00 to2 110 t)1 t)1 t)2 t)4	
Unit Number : Unit Name : Control Unit		R 701	RS1/10S105J
Out tome . Cont. of our		R 706 707 718 738 740 930 935 937 946 948	RS1/10S473J
MISCELLANEOUS		R 712 729 730 731 732	RS1/10S222J RD1/4PS471JL
		R 716 717 719 728 814 R 720 (KEH-M9741ZT KEH-M9741ZT-02)	RD1/4PS471JL
Mark ===== Circuit Symbol & No. === Part Name	Part No.		NO 17 41 047 10 E
** IC 501	KHA147A	R 720 (KEH-9641ZT KEH-9641ZT-02)	RD1/4PS0R0JL
** C 701	PD4167B	R 721 722 723 724 725 726 727 819 821 823	RD1/4PS222JL
** C 702	PDH001	R 733 (KEH-M9741ZT KEH-M9741ZT-02)	RD1/4PS104JL
** IC 703	M51957BL	R 733 (KEH-9641ZT KEH-9641ZT-02)	RD1/4PSOROJL RS1/10S104J
** 1C 704	CWV 1001	R 736 815 816 817 931 932 934 938 942 943	N31/1001040
** C 705	TC4028BP	R 737 739 741 743 745 746 747 748 749 923	R\$1/10\$102J
** IC 706 812 851	DT5C144E	R 744 922 925	RS1/10S471J
** IC 707 708	MB88306P	R 811	RD1/4PS223Ji
** IC 709	TC35095P	R 812	RS1P150JL RD1/4PS222JL
** IC 710	CWW1178	R 825 851 852 933 961 962 966	
44 10 911	KHA241	R 826 828 832 926 939 950 951 952 953 954	RD1/4PS102Ji
** !C 811 ** Q 501 703 831 832 833 852 867 869	DTC144ES	R 859 860 863 864 865	RD1/4PS8R2JI RD1/4PS9R1JI
** Q 502	DTA144ES	R 861 862 R 866 (KEH-M9741ZT KEH-M9741ZT-02)	RD1/4PS130J
** 0 701 702 816 817	2 S C 2 4 5 8	R 867	RD1/4PS6R8J
** Q 811	2 \$ 8 9 4 2	. •••	
	2503474	R 868	RD1/4PS221J
** Q 812	2SD1859	R 872	RD1/4PS473J RS1/10S102J
** Q 813 ** Q 814 815	DTC144TS	R 924 927 928 929	RS1/1051023
** Q 818 819 825 830 868	2 S B 1 2 4 3	R 936 R 940 941	RD1/4PS104J
** Q 823 824	DTB133HV	וינ טינ	
	DTC114ES	R 944 945 947 949 963 965 967 968	RS1/10S104J
** Q 826 834	2581243	R 955 956 957	RD1/4PS102J RS1/10S473J
** 0 827 828 829 ** 0 851 863 864 865 870	DTB1137V	R 960	RS1/105474J
** Q 851 853 854 855 856 857 858 859 861	2SD1859	R 969	
** Q 860 (KEH-M9741ZT KEH-M9741ZT-02)	2801859		
** Q 865 (KEH-M9741ZT KEH-M9741ZT-02)	DTB113ZV		
** Q 866 (XEH-M9741ZI KEH-M9741ZI-UZ) * D 501 702 708 709 710 711 712 713 714	188133		
* D 701 (KEH-M9741ZT KEH-M9741ZT-02)	155133		
* D 707	HZ3LLB		
* D 718 719	RD7R5JSB3		

CAPACITORS		Unit Number:
Mark ====== Circuit Symbol & No. ==== Part Name	Part No.	Unit Name: Tuner Amp Unit
C 501 502 C 503 504	CKPYB681K50L CEANL4R7M35LL	Tuner Amp Unit
C 505 506 718 719	CEA470M6R3LS	Consists of
C 507 508		Tuner P. C. Board Power Amp P. C. Board
C 509	CEMOIOM30132	Power Amp P. C. Board
C 510 C 511	CEA221M10L2 CEA470M16L2	
C 512		MISCELLANEOUS
C 701 702	CCSOCH330J50	Mark ====== Circuit Symbol & No. ==== Part Name Part No.
C 703 716 813 818 822 824 835 875	0.010413.30	Mark ======= Circuit Symbol & No. ==== Part Name Part No.
C 704 705	CASA010M16	** IC 26 KHA168
C 706 712 713 717		** IC 27 PA5011
C 707	CEAR22M50L2	** IC 451 CX-7925B
C 708	CEANL3R3M50LL CQEA223J50	
C 709	CUEAZZSSSU	** 1C 552 KHA163
		** 1C 553 (KEH-M97412T KEH-96412T) KHA222B
		** 1C 553 (KEH-M97412T-02 KEH-9641ZT-02) KHA249B
C 710	CQMA103J50LL	
C 714 715 817 832 851 950 953 954		** IC 556 (KEH-M97412T KEH-M97412T-02) KHA232A
C 720 833 834 955		** IC 601 602 TA822 1H
C 811 470 μ F/16V C 812 816	CCH-114 CEA100M16L2	** 1C 603 KHA229
C 612 610	oc	** 1C 604 M51957BL
C 814 825	CEA010M50L2	** Q 61 454 2SC3113
C 815 4700 µ F/16V	CCH1061	** Q 163 164 883 884 886 887 888 890 2SC2458
C 819 823	CEA101M10L2	** 0 452 2SK330
C 820 2200 µ F/16V	CCH1001	** Q 456 457 878 879 880 DTAI1 4ES
C 821 C 874	CEA470M161S CEA100M2512	** Q 458 803 DTC12 4ES
6 874	OCH IOOM2 3C2	** Q 551 2SC2872S
		** Q 601 602 2SC3665
Unit Number:		** Q 802 2SB12 43
Unit Name: Key Board Unit		43. 0. 004
MISCELLANEOUS		** 0 804 DTB11 4ES ** 0 876 877 2SC17 40S
m 1901 Link 200		** Q 881 882 2\$894 2
Mark ====== Circuit Symbol & No. ==== Part Name	Part No.	** Q 885 2SA10 48
		** Q 889 891 2\$D18 59
** IC 901	LC7582P	
** : Q 901 902 903 ** ; L 901 903 904 905 918 Lamp 8V 60mA	2SD1226MF CEL1063	* D 26 27 * D 28 61 161 162 454 601 602 802 879 885 1SS13 3
** 1L 902 915 916 917 Lamp 8V 60mA	CEL1128	* D 455 RD287 ESB1
** L 908 911	CEL1124	* D 551 RD5R1 JSB2
		‡ D 603 MA204₩K
** L 919 Lamp 8V 60mA	CEL1098	
** 1L 920 921 Lamp 8V 60mA	CEL1063	* D 876 878 5727LC * D 877 SM-3-08LFEA
** il 922 (KEH-M9741ZT KEH-M9741ZT-02)Lamp 8V 60mA	CEL1128 CAW1044	* D 877 SM-3- 08LFEA * D 880 RD8R2 JSB2
LUV	W/101844	* D 881 883 MT718 JB
RESISTORS		* D 884 887 MA206
Mark ====== Circuit Symbol & No. ==== Part Name		* D 886 RD8R(J\$82
D 001	RD1/4PS473JL	* D 889 HZ2CLL
R 901 R 902 903 904 905	RD1/4PS102JL	* D 890 RD9R}JSB2 L 26 Ferri-Inductor LAUR@M
R 906 907 908	RD1/4PSBR2JL	L 451 Ferri-Inductor LAUNOK
**		
CAPACITORS		L 876 Choke Coil CTH1069
		L 877 Coil CTF-135
Mark ====== Circuit Symbol & No. ==== Part Name		L 878 Coil CTH1170
C 901	CKPYB681K50L	T 26 Transformer CTC-19-5 CG 26 27 DSP-20-1M-S00
C 907	CKPYY103M16L	20 TO TI D21-200
C 903	CKPYB102K50L	
		CR 26 CWW1 45
		X 451 Crystal Resonator CSS1(1) 1
		** VR 551 Semi-fixed 10kΩ (B) VRT8(V \$103
98		** FU 601 602 Fuse 6.3A CEK110 8

RESISTO	RS				Mark =		===	Circuit	t Symb	ol & N	0. =	=== Pa	rt Name	Part No.
Mark ==	======	Circuit	Symbol & No. ==== Part	Name Part No.	C	451	465	466						CEA470M16L2
						453								CGCYX103K25
**	26			RD1/4PS681JL	-	454								CCCCH180J50
			5 5 9 1 6 5 7 8 8 6	RD1/4PS102JL		455				4. 7 u F.	/16V			CCCCH090D50 CCH1005
		661 877	879 892 894	RD1/4PS223JL RD1/4PS0R0JL	C	459	ı			4. / μ Γ.	/ 10 V			0011000
	32			RD1/4PS104JL		460	1							CQMA103J50
R	51 882	883		NO 17 41 3 1 V 43 L		461								CKCYB102K50
R	62 199	550 560	579 603 604 621 890	RD1/4PS103JL	-			592 59	3 605	606 80	7 808	8 809		CKPYY103M16L
R	63	333 000	, 013 000 004 021 000	RD1/4PS123JL		464		***						CEA2R2M50LS2
	64 65	468 469		RD1/4PSOROJL	C	55	553							CEA471M10L2
			4 171 172 189 250	RD1/4PS222JL										
R	169 170			RD1/4PS333JL	C	55!	5 5 5 6	557 55	8 562	563 56	4 565	5		CQEA184J63
						57								CEA2R2M35NPLL
R	173			RD1/4PS100JL				617 61						CEA2R2M35NPLL
	190 625		Ly.	RD1/4PS391JL				619 62						CEA2R2M50L2 CEA220M16L2
	451 452		B .	RD1/4P\$471JL RD1/4P\$332JL	(C 60	7 508	621 62	2					CEAZZUMIOLZ
	454 887			RD1/4PS272JL	,		1 617	12 . 1	4 625	525 52	7 62	0		CQEA154J63
R	459 460	55/		NO 17 41 02 12 JL				613 61 629 63						CCH-114
b	462 655			RD1/4P\$152JL		C 63			•	arv ju 1	, , , , ,			CEA221M16L2
			2 611 612 622 630 631 876	RD1/4PS472JL		C 87				22	00 ш	F/16V		CCH1001
			4 626 632 633 656 805 807	RD1/4PS473JL	1			884 88	9 892		-			CGCYX473K25
	553 554			RD1/4PS222JL	·									
			-M9741ZT KEH-M9741ZT-02)	RD1/4PS272JL	(C 87	8			1000 д	F/16	٧		CCH1003
					(C 88	5							CEA4R7M16NPLL
R	555 556	808		RD1/4PS562JL	(C 89	0							CEA100M25L2
R	567 568	569 57	0	RD1/4PS823JL	(C 89	1							CEA101M16L2
	571 572			RD1/4PS152JL	Unit	Marina								
	573 574			RD1/4PS182JL				Volume	llnit					
R	605 606	613 61	4	RD1/4PS122JL	Onic		•	1010	•					
	607.601		0 616 616 617 619	RD1/4PS2R2JL										
	619	009 01	0 615 616 617 618	RD1/4PS153JL	Vol	ume U	nit		ĺ					
	620			RD1/4PS331JL					\dashv					
	651 652			RD1/2PS010JL		sists			1					
	653			RD1/4PS682JL				Board /						
					• V	olume	P. C	Board 8	3					
R	654			RD1/2PS18IJL		-								
R	658			RSIP101JL	Mark			Circui	t Sve	nhol &	No.	==== P:	art Name	Part No.
	662 664	804 80	6	RD1/4PS221JL										
	663			RD1/4PSOROJL	**	1L 91	2 91	3 914		Lamp	8V 40	mA		CEL1114
R	665			RD1/4PS821JL				2 903 90	4 905	Volum	e			CC\$1119
				RD1/4P\$561JL	**	VR 90	6/8	901		Volum	e/Swi	tch		CCS1106
	809			RD1/4PS472JL		R 91	3							RD1/4PS102JL
	880			RD1/4PS183JL		C 90	4							CEA220M10LS
	881 884			RD1/4PS184JL										
	885			RD1/4PS303JL	Unit									
, n	000				Unit	Name	:	Switch	P. C. E	Board				
R	887			RD1/4PS103JL								_	. "	B V
R	889 89	6		RD1/4PS101JL										Part No.
	891 89	5 899		RD1/4P\$103JL										
R	897			RD1/4PS473JL	**	S S	1	2		Switc				CSN-089 CSN1003
	~~~													SDME 106B
CAPACI	1042					mis	,	•		may 116	1			OUNE TOUR
Mark =		Circui	it Symbol & No. ==== Par	t Name Part No.										
			62 64 163 166 170 171 180											
	27		104 110 111 101	CCPCH100J50L										
	-	3 568 51	69 570 609 610 623 624	CKPYB102K50L										
	29 3			CEA100M16L2										
	30 55			CEA220M10L2										
(	3 1			CKPYB471K50L										
(	61 32	4 452 4	56 590 591 806	CGCYX473K25										
(	167 16	8 554		CEA010M50NPL	L									
	169 56	6 567		CEA101M10L2										
(	185			CEAR15M50LS2										

#### KEH-M9741ZT

Unit Number:
Unit Name: P. C. Board Unit

Mark ======= Circuit Symbol & No. ==== Part Name Part No.

* D 1 2 3 4 1S1555

Miscellaneous Parts List

Mark ======= Circuit Symbol & No. ==== Part Name Part No.

** HD 1 Head Unit CXA2490

** M 1 2 Motor Unit (Head, FF/REW) CXM2429

** M 3 Motor (Capstan) CXM1007

** S 4 Switch (Door) CSN1005